



# Poly VideoOS Software

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## Offer of Source for Open Source Software

You may have a Poly system or device that contains software from the open source community that must be licensed under the specific license terms applicable to the software. For at least three years from the date of distribution of the applicable product or software, we will give to anyone who contacts us using the contact information provided below, for a charge of no more than our cost of physically distributing, one of the following items (a) A copy of the complete corresponding machine-readable source code for programs listed in this document or (b) A copy of the corresponding machine-readable source code for the libraries listed in this document, as well as the executable object code of the Poly work with which that the library links.

The software included or distributed for the systems, including any software that may be downloaded electronically via the internet or otherwise (the "Software") is licensed, not sold.

# Open Source Software

The systems use several open source software packages. The packages containing the source code and the licenses for all the open-source software are available upon request by contacting [Open.Source@polycom.com](mailto:Open.Source@polycom.com).

This document covers the following products:

- [Poly G7500, Poly Studio X50, and Poly Studio X30](#)
- [Poly Studio X70 and Poly Studio X52](#)
- [Poly Microphone IP Adapter](#)
- [Poly IP Table Microphone and Poly IP Ceiling Microphone](#)
- [Poly TC8 and TC10 and Poly Control Application](#)

## Qualcomm Platform Licenses

For a list of all licenses included in the Qualcomm platform, see the attachment: NOTICE.xml.gz.

**Note:** You may have to save this document to your local system to access the file.

## List of Open Source Software

The following sections include license information for the open source software packages used in this version of the software.

### Poly G7500, Poly Studio X50, and Poly Studio X30

The following table contains license information for the open source software packages used in the Poly G7500, Poly Studio X50, and Poly Studio X30 systems. The source code and the licenses for all the open-source software are available upon request.

#### Poly G7500, Poly Studio X50, and Poly Studio X30 Systems

| Software              | Version | License | Link                                                                                      |
|-----------------------|---------|---------|-------------------------------------------------------------------------------------------|
| @angular              | 6.0     | MIT     | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>       |
| @angular/animations   | 8.2.10  | MIT     | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>       |
| @angular/cdk          | 8.2.3   | MIT     | <a href="https://github.com/angular/components">https://github.com/angular/components</a> |
| @angular/cli          | 1.7.4   | MIT     | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>       |
| @angular/common       | 8.2.10  | MIT     | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>       |
| @angular/compiler     | 8.2.10  | MIT     | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>       |
| @angular/compiler-cli | 8.2.10  | MIT     | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>       |
| @angular/core         | 8.2.10  | MIT     | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>       |

| <b>Software</b>                   | <b>Version</b> | <b>License</b>   | <b>Link</b>                                                                                                                                                               |
|-----------------------------------|----------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| @angular/flex-layout              | 8.0.0-beta.27  | MIT              | <a href="https://github.com/angular/flex-layout">https://github.com/angular/flex-layout</a>                                                                               |
| @angular/forms                    | 8.2.10         | MIT              | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>                                                                                       |
| @angular/http                     | 5.2.11         | MIT              | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>                                                                                       |
| @angular/material                 | 8.2.3          | MIT              | <a href="https://github.com/angular/components">https://github.com/angular/components</a>                                                                                 |
| @angular/platform-browser         | 8.2.10         | MIT              | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>                                                                                       |
| @angular/platform-browser-dynamic | 8.2.10         | MIT              | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>                                                                                       |
| @angular/platform-server          | 5.2.11         | MIT              | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>                                                                                       |
| @angular/router                   | 8.2.10         | MIT              | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>                                                                                       |
| @ngrx/effects                     | 8.4.0          | MIT              | <a href="https://github.com/ngrx/platform">https://github.com/ngrx/platform</a>                                                                                           |
| @ngrx/router-store                | 8.4.0          | MIT              | <a href="https://github.com/ngrx/platform">https://github.com/ngrx/platform</a>                                                                                           |
| @ngrx/store                       | 8.4.0          | MIT              | <a href="https://github.com/ngrx/platform">https://github.com/ngrx/platform</a>                                                                                           |
| @ngrx/store-devtools              | 8.4.0          | MIT              | <a href="https://github.com/ngrx/platform">https://github.com/ngrx/platform</a>                                                                                           |
| @webcomponents/webcomponentsjs    | 1.3.3          | BSD-3-Clause     | <a href="https://github.com/webcomponents/webcomponentsjs">https://github.com/webcomponents/webcomponentsjs</a>                                                           |
| Abego TreeLayout                  | 1.0.1          | BSD3             | <a href="https://github.com/abego/treelayout">https://github.com/abego/treelayout</a>                                                                                     |
| ADAL4J                            | 1.1.2          | Apache 2.0 & MIT | <a href="https://mvnrepository.com/artifact/com.microsoft.azure/adal4j/1.1.2">https://mvnrepository.com/artifact/com.microsoft.azure/adal4j/1.1.2</a>                     |
| Android 10 QCOM Distro            | 10             | QCOM License     | The CAF (CodeAurora Forums, which is the open source part) branch that is part of that release is:<br>Image: LA.UM.8.4.1.R1<br>Build/Label: LA.UM.8.4.1.r1-03100-8x98.0-1 |
| angular-in-memory-web-api         | 0.9.0          | MIT              | <a href="https://github.com/angular/in-memory-web-api">https://github.com/angular/in-memory-web-api</a>                                                                   |
| ANTLR                             | 4.7.1 & 4.5.3  | BSD              | <a href="https://www.antlr.org/license.html">https://www.antlr.org/license.html</a>                                                                                       |
| Apache Commons Codec              | 1.6 and 1.9    | Apache 2.0       | <a href="https://commons.apache.org/proper/commons-codec/">https://commons.apache.org/proper/commons-codec/</a>                                                           |
| Apache Commons Compress           | 1.12           | Apache 2.0       | <a href="https://github.com/apache/commons-compress">https://github.com/apache/commons-compress</a>                                                                       |

| <b>Software</b>                    | <b>Version</b> | <b>License</b>                                      | <b>Link</b>                                                                                                                                                       |
|------------------------------------|----------------|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Apache Commons Digester            | 1.6            | Apache 2.0                                          | <a href="https://commons.apache.org/proper/commons-digester/">https://commons.apache.org/proper/commons-digester/</a>                                             |
| Apache Commons FileUpload          | 1.3            | Apache 2.0                                          | <a href="https://github.com/apache/commons-fileupload">https://github.com/apache/commons-fileupload</a>                                                           |
| Apache Commons IO                  | 2.4            | Apache 2.0                                          | <a href="https://commons.apache.org/proper/commons-io/">https://commons.apache.org/proper/commons-io/</a>                                                         |
| Apache Commons Lang                | 3.3.1          | Apache 2.0                                          | <a href="https://commons.apache.org/proper/commons-lang/">https://commons.apache.org/proper/commons-lang/</a>                                                     |
| Apache Commons Logging             | 1.1.1          | Apache 2.0                                          | <a href="https://commons.apache.org/proper/commons-logging/">https://commons.apache.org/proper/commons-logging/</a>                                               |
| Apache HttpComponentsCore          | 4.1.3          | Apache 2.0                                          | <a href="https://github.com/apache/httpcomponents-core">https://github.com/apache/httpcomponents-core</a>                                                         |
| Apache log4j                       | 1.2.17         | Apache 2.0                                          | <a href="https://logging.apache.org/log4j/2.x/">https://logging.apache.org/log4j/2.x/</a>                                                                         |
| Apache ORO                         | 2.0.8          | Apache 2.0                                          | <a href="https://projects.apache.org/project.html?attic-oro">https://projects.apache.org/project.html?attic-oro</a>                                               |
| Apache PDF Box                     | 2.0.1          | Apache 2.0                                          | <a href="https://pdfbox.apache.org">https://pdfbox.apache.org</a>                                                                                                 |
| Apache ServiceMix Bundle           | 1.4.8_1        | Apache 2.0                                          | <a href="https://servicemix.apache.org/developers/source/bundles-source.html">https://servicemix.apache.org/developers/source/bundles-source.html</a>             |
| Apache ServiceMix Bundle - xstream | 1.4.11.1       | Apache 2.0                                          | <a href="https://github.com/apache/servicemix-bundles/tree/master/xstream-1.4.11.1">https://github.com/apache/servicemix-bundles/tree/master/xstream-1.4.11.1</a> |
| Apache Xerces Common               | 3.2.0          | Apache 2.0                                          | <a href="http://xerces.apache.org/xml-commons/">http://xerces.apache.org/xml-commons/</a>                                                                         |
| apache/apr                         | 1.6.5          | Apache 2.0                                          | <a href="https://github.com/apache/apr">https://github.com/apache/apr</a>                                                                                         |
| Apple ALAC                         | 4.0.0          | Apache v2                                           | <a href="https://macosforge.github.io/alac/">https://macosforge.github.io/alac/</a>                                                                               |
| Apr                                | 1.4.6          | Apache v2                                           | <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a>                                                               |
| Boost                              | 1.40.0         | BSD-like                                            | <a href="https://www.boost.org">https://www.boost.org</a>                                                                                                         |
| BouncyCastle                       | 1.46           | The Legion of Bouncy Castle Inc. (fully permissive) | <a href="https://www.bouncycastle.org">https://www.bouncycastle.org</a>                                                                                           |
| bower                              | 1.8.4          | MIT                                                 | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>                                                                               |

| <b>Software</b>              | <b>Version</b> | <b>License</b>                | <b>Link</b>                                                                                                                               |
|------------------------------|----------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Busybox                      | 1.19.4         | GPL v2                        | <a href="https://git.busybox.net/busybox">https://git.busybox.net/busybox</a>                                                             |
| Butterknife                  | 8.4.0          | Apache 2.0                    | <a href="https://github.com/JakeWharton/butterknife">https://github.com/JakeWharton/butterknife</a>                                       |
| CarbonCopy                   | 1.0.0          | Apache 2.0                    | <a href="https://github.com/josesamuel/carboncopy">https://github.com/josesamuel/carboncopy</a>                                           |
| c-ares                       | 1.3.2          | MIT                           | <a href="https://c-ares.haxx.se">https://c-ares.haxx.se</a>                                                                               |
| cjose                        | 0.6.1          | MIT                           | <a href="https://github.com/cisco/cjose">https://github.com/cisco/cjose</a>                                                               |
| Core-JS                      | 2.4.1          | BSD-like                      | <a href="https://github.com/zloirock/core-js">https://github.com/zloirock/core-js</a>                                                     |
| core-js                      | 3.2.1          | MIT                           | <a href="https://github.com/zloirock/core-js">https://github.com/zloirock/core-js</a>                                                     |
| cross-os                     | 1.3.0          | MIT                           | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>                                                       |
| crosswalk                    | 19.49.514.5    | BSD 3                         | <a href="https://github.com/crosswalk-project/crosswalk">https://github.com/crosswalk-project/crosswalk</a>                               |
| curl                         | 7.52.0         | BSD-like                      | <a href="https://curl.haxx.se">https://curl.haxx.se</a>                                                                                   |
| cw-omnibus                   | 7.6            | Apache 2.0                    | <a href="https://github.com/commonsguy/cw-omnibus">https://github.com/commonsguy/cw-omnibus</a>                                           |
| Cyrus-SASL                   | 2.1.22         | BSD                           | <a href="http://asq.web.cmu.edu/sasl/sasl-library.html">http://asq.web.cmu.edu/sasl/sasl-library.html</a>                                 |
| Dagger Production Graphs     | 2.15           | Apache 2.0                    | <a href="https://github.com/google/dagger">https://github.com/google/dagger</a>                                                           |
| DFU Util                     | 0.9            | GPL 2.0                       | <a href="http://dfu-util.sourceforge.net/">http://dfu-util.sourceforge.net/</a>                                                           |
| dom4j                        | 2.1.0          | BSD                           | <a href="https://github.com/dom4j/dom4j">https://github.com/dom4j/dom4j</a>                                                               |
| dropbox                      | 4.0.28         | MIT                           | <a href="https://github.com/dropbox/dropbox-sdk-js">https://github.com/dropbox/dropbox-sdk-js</a>                                         |
| duktape                      | 2.2.99         | MIT                           | <a href="https://github.com/svaarala/duktape">https://github.com/svaarala/duktape</a>                                                     |
| Elasticsearch                | 6.4.0          | Apache 2.0                    | <a href="https://github.com/elastic/elasticsearch">https://github.com/elastic/elasticsearch</a>                                           |
| enea/linx                    | 2.5.1          | BSD for user space libraries. | <a href="http://linx.sourceforge.net/">http://linx.sourceforge.net/</a>                                                                   |
| engine.io                    | 0.4.1          | MIT                           | <a href="https://github.com/nkzawa/engine.io-client">https://github.com/nkzawa/engine.io-client</a>                                       |
| Esoteric Software ReflectASM | 1.11.4         | BSD 3                         | <a href="https://github.com/EsotericSoftware/reflectasm">https://github.com/EsotericSoftware/reflectasm</a>                               |
| ethtool                      | 3              | GPLv2                         | <a href="https://mirrors.edge.kernel.org/pub/software/network/ethtool/">https://mirrors.edge.kernel.org/pub/software/network/ethtool/</a> |

| <b>Software</b>                     | <b>Version</b>    | <b>License</b>       | <b>Link</b>                                                                                                                                 |
|-------------------------------------|-------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Event Bus (GreenRobot)              | 2.4.1             | Apache 2.0           | <a href="https://github.com/greenrobot/EventBus">https://github.com/greenrobot/EventBus</a>                                                 |
| expr-eval                           | 2.0.1             | MIT                  | <a href="https://github.com/silentmatt/expr-eval">https://github.com/silentmatt/expr-eval</a>                                               |
| faker                               | 4.1.0             | MIT                  | <a href="https://github.com/Marak/Faker.js">https://github.com/Marak/Faker.js</a>                                                           |
| FasterXML/Jackson                   | 2.4.4             | Apache 2.0           | <a href="https://github.com/FasterXML/jackson">https://github.com/FasterXML/jackson</a>                                                     |
| fastutil                            | 7.2.0             | Apache 2.0           | <a href="https://github.com/vigna/fastutil">https://github.com/vigna/fastutil</a>                                                           |
| FFmpeg                              | 2.7.2             | LGPL v2.1            | <a href="http://ffmpeg.org/legal.html">http://ffmpeg.org/legal.html</a>                                                                     |
| file-saver                          | 1.3.8             | MIT                  | <a href="https://github.com/eligrey/FileSaver.js">https://github.com/eligrey/FileSaver.js</a>                                               |
| filesize                            | 4.2.1             | BSD-3-Clause         | <a href="https://github.com/avoidwork/filesize.js">https://github.com/avoidwork/filesize.js</a>                                             |
| font-awesome                        | 4.7.0             | (OFL-1.1 and MIT)    | <a href="https://github.com/FortAwesome/Font-Awesome">https://github.com/FortAwesome/Font-Awesome</a>                                       |
| Fraunhofer FDK                      | 0.1.4             | Creative Commons 2.5 | <a href="http://www.calculate-linux.org/packages/licenses/FraunhoferFDK">http://www.calculate-linux.org/packages/licenses/FraunhoferFDK</a> |
| FreeRDP                             | 1.1.0             | Apache 2.0           | <a href="https://github.com/FreeRDP/FreeRDP/blob/master">https://github.com/FreeRDP/FreeRDP/blob/master</a>                                 |
| Google Auto (auto-value and others) | 1.5.2             | Apache 2.0           | <a href="https://github.com/google/auto">https://github.com/google/auto</a>                                                                 |
| Google Auto Common Libraries        | 0.8               | Apache 2.0           | <a href="https://github.com/google/auto">https://github.com/google/auto</a>                                                                 |
| Google ExoPlayer                    | 2.5.1.1           | Apache 2.0           | <a href="https://github.com/google/ExoPlayer">https://github.com/google/ExoPlayer</a>                                                       |
| Google Fonts                        | 1.096             | OFL                  | <a href="https://fonts.google.com/">https://fonts.google.com/</a>                                                                           |
| Google GSON                         | 2.3.1/2.2.2/1.7.1 | Apache 2.0           | <a href="https://github.com/google/gson">https://github.com/google/gson</a>                                                                 |
| Google json-simple                  | 1.1               | Apache 2.0           | <a href="https://github.com/fangyidong/json-simple">https://github.com/fangyidong/json-simple</a>                                           |
| greenrobot/EventBus                 | 2.4.1             | Apache 2.0           | <a href="https://github.com/greenrobot/EventBus">https://github.com/greenrobot/EventBus</a>                                                 |
| guava                               | 16.0.1            | Apache-2.0           | <a href="https://github.com/google/guava">https://github.com/google/guava</a>                                                               |
| Guava Google Core Java Libraries    | 21                | Apache 2.0           | <a href="https://github.com/google/guava">https://github.com/google/guava</a>                                                               |

| <b>Software</b>          | <b>Version</b> | <b>License</b> | <b>Link</b>                                                                                                                                   |
|--------------------------|----------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| hamcrest-library         | 1.3            | BSD            | <a href="https://github.com/hamcrest/JavaHamcrest">https://github.com/hamcrest/JavaHamcrest</a>                                               |
| hammerjs                 | 2.0.8          | MIT            | <a href="https://github.com/hammerjs/hammer.js">https://github.com/hammerjs/hammer.js</a>                                                     |
| Hexagon Delegate         | 1.2.0          | QCOM license   | <a href="https://www.tensorflow.org/lite/performance/hexagon_delegate">https://www.tensorflow.org/lite/performance/hexagon_delegate</a>       |
| HIDAPI                   | 0.7.0          | BSD3           | <a href="https://github.com/signal11/hidapi">https://github.com/signal11/hidapi</a>                                                           |
| humanize-duration        | 3.15.3         | MIT            | <a href="https://github.com/sebastianhaas/angularjs-humanize-duration">https://github.com/sebastianhaas/angularjs-humanize-duration</a>       |
| humanize-duration        | 3.20.1         | Unlicense      | <a href="https://github.com/EvanHahn/HumanizeDuration.js">https://github.com/EvanHahn/HumanizeDuration.js</a>                                 |
| i2c-tools                | 3.1.0          | GPLv2          | <a href="https://github.com/Distrotech/i2c-tools">https://github.com/Distrotech/i2c-tools</a>                                                 |
| iconv                    | 1.13.1         | GPLv3          | <a href="http://ftp.gnu.org/gnu/libiconv/">http://ftp.gnu.org/gnu/libiconv/</a>                                                               |
| IPerf                    | 3.1            | BSD3           | <a href="https://github.com/esnet/iperf/blob/3.1-STABLE">https://github.com/esnet/iperf/blob/3.1-STABLE</a>                                   |
| iron-ajax                | 2.1.3          | BSD-3-CLAUSE   | <a href="https://www.webcomponents.org/element/@polymer/iron-ajax">https://www.webcomponents.org/element/@polymer/iron-ajax</a>               |
| iron-flex-layout         | 2.0.3          | BSD-3-CLAUSE   | <a href="https://www.webcomponents.org/element/@polymer/iron-flex-layout">https://www.webcomponents.org/element/@polymer/iron-flex-layout</a> |
| iron-icon                | 2.1.0          | BSD-3-CLAUSE   | <a href="https://www.webcomponents.org/element/@polymer/iron-icon">https://www.webcomponents.org/element/@polymer/iron-icon</a>               |
| iron-icons               | 2.1.1          | BSD-3-CLAUSE   | <a href="https://www.webcomponents.org/element/@polymer/iron-icons">https://www.webcomponents.org/element/@polymer/iron-icons</a>             |
| iron-iconset-svg         | 2.2.1          | BSD-3-CLAUSE   | <a href="https://www.webcomponents.org/element/@polymer/iron-iconset-svg">https://www.webcomponents.org/element/@polymer/iron-iconset-svg</a> |
| iron-input               | 2.1.3          | BSD-3-CLAUSE   | <a href="https://www.webcomponents.org/element/@polymer/iron-input">https://www.webcomponents.org/element/@polymer/iron-input</a>             |
| iron-pages               | 2.1.1          | BSD-3-CLAUSE   | <a href="https://www.webcomponents.org/element/@polymer/iron-pages">https://www.webcomponents.org/element/@polymer/iron-pages</a>             |
| jackson-annotations      | 2.4.4          | Apaxe 2.0      | <a href="https://github.com/FasterXML/jackson-annotations">https://github.com/FasterXML/jackson-annotations</a>                               |
| jackson-Core             | 2.4.4          | Apache 2.0     | <a href="https://github.com/FasterXML/jackson-core">https://github.com/FasterXML/jackson-core</a>                                             |
| jackson-databind         | 2.4.4          | Apache 2.0     | <a href="https://github.com/FasterXML/jackson-databind">https://github.com/FasterXML/jackson-databind</a>                                     |
| jansi                    | 1.16           | Apache 2.0     | <a href="https://github.com/fusesource/jansi">https://github.com/fusesource/jansi</a>                                                         |
| Jansson                  | 2.7            | MIT            | <a href="https://github.com/akheron/jansson/blob/2.7">https://github.com/akheron/jansson/blob/2.7</a>                                         |
| Java CIFS Client Library | 1.3.18         | LGPL 2.1       | <a href="https://www.jcifs.org">https://www.jcifs.org</a>                                                                                     |

| <b>Software</b>                      | <b>Version</b>   | <b>License</b>             | <b>Link</b>                                                                                                                                               |
|--------------------------------------|------------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Java Websocket                       | 1.3.0            | MIT                        | <a href="https://github.com/TooTallNate/Java-WebSocket">https://github.com/TooTallNate/Java-WebSocket</a>                                                 |
| javamail                             | 1.5.4            | CDDL                       | <a href="https://github.com/javaee/javamail">https://github.com/javaee/javamail</a>                                                                       |
| javaslang                            | 2.0.6            | Apache 2.0                 | <a href="https://mvnrepository.com/artifact/io.javaslang/javaslang/2.0.0">https://mvnrepository.com/artifact/io.javaslang/javaslang/2.0.0</a>             |
| JAXB XML Binding                     | 2.2.11           | CDDL v1.1                  | <a href="https://github.com/javaee/jaxb-v2">https://github.com/javaee/jaxb-v2</a>                                                                         |
| JDOM                                 | 1.0              | Permissive                 | <a href="http://www.jdom.org/dist/binary/archive/">http://www.jdom.org/dist/binary/archive/</a>                                                           |
| Jetdrone Yoke                        | 2.0.13           | Apache 2.0                 | <a href="https://mvnrepository.com/artifact/com.jetdrone/yoke/2.0.13">https://mvnrepository.com/artifact/com.jetdrone/yoke/2.0.13</a>                     |
| Jetty ALPN client                    | 9.2.14.v20151106 | Apache 2.0                 | <a href="https://javalibs.com/artifact/org.eclipse.jetty/jetty-alpn-client">https://javalibs.com/artifact/org.eclipse.jetty/jetty-alpn-client</a>         |
| Jetty HTTP Server                    | 9.2.14.v20151106 | Apache 2.0 & Eclipse 1.0   | <a href="https://github.com/eclipse/jetty.project">https://github.com/eclipse/jetty.project</a>                                                           |
| Jetty SPDY (Jetty Server HTTP Layer) | 9.2.14.v20151106 | Apache 2.0                 | <a href="https://javalibs.com/artifact/org.eclipse.jetty">https://javalibs.com/artifact/org.eclipse.jetty</a>                                             |
| jitterentropy-rngd                   | 1.1.0            | BSD-like                   | <a href="https://www.chronox.de/jent/doc/CPU-Jitter-NPTRNG.html#toc-Appendix-J">https://www.chronox.de/jent/doc/CPU-Jitter-NPTRNG.html#toc-Appendix-J</a> |
| JLine                                | 3.3.1            | BSD                        | <a href="https://github.com/jline/jline3">https://github.com/jline/jline3</a>                                                                             |
| JMXTrans                             | 250              | Apache 2.0                 | <a href="https://github.com/jmxtrans/jmxtrans">https://github.com/jmxtrans/jmxtrans</a>                                                                   |
| jpush-java-libraries                 | 1.0              | None (none published)      | <a href="https://github.com/jpush/jpush-api-java-client">https://github.com/jpush/jpush-api-java-client</a>                                               |
| JSON-java                            | 20140107         | JSON                       | <a href="https://mvnrepository.com/artifact/org.json/json/20140107">https://mvnrepository.com/artifact/org.json/json/20140107</a>                         |
| JSON for modern C++                  | 3.11.2           | MIT                        | <a href="https://github.com/nlohmann/json">https://github.com/nlohmann/json</a>                                                                           |
| JUniversalCharDet                    | 1.0.3            | Mozilla Public License 1.0 | <a href="https://github.com/albfernandez/juniversalchardet">https://github.com/albfernandez/juniversalchardet</a>                                         |
| Koin                                 | 1.0.2            | Apache 2.0                 | <a href="https://github.com/InsertKoinIO/koin">https://github.com/InsertKoinIO/koin</a>                                                                   |
| Kotlin                               | 1.2.10           | Apache 2.0                 | <a href="https://github.com/JetBrains/kotlin">https://github.com/JetBrains/kotlin</a>                                                                     |

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| Kotlin Android Extensions | 1.2.51         | Apache 2.0           | <a href="https://github.com/JetBrains/kotlin/tree/1.2.50/plugins/android-extensions">https://github.com/JetBrains/kotlin/tree/1.2.50/plugins/android-extensions</a>                   |
| Kotlin StdLib             | 1.2.51         | Apache 2.0           | <a href="https://github.com/JetBrains/kotlin/tree/master/libraries/stdlib">https://github.com/JetBrains/kotlin/tree/master/libraries/stdlib</a>                                       |
| Kotlin-Daemon-Client      | 1.2.51         | Apache 2.0           | <a href="https://mvnrepository.com/artifact/org.jetbrains.kotlin/kotlin-daemon-client/1.2.51">https://mvnrepository.com/artifact/org.jetbrains.kotlin/kotlin-daemon-client/1.2.51</a> |
| kXML2                     | 2.3.0          | OFL                  | <a href="https://github.com/stefanhaustein/kxml2/blob/master/license.txt">https://github.com/stefanhaustein/kxml2/blob/master/license.txt</a>                                         |
| libjpeg-turbo             | 1.4.0          | Creative Commons 2.5 | <a href="http://www.libjpeg-turbo.org">http://www.libjpeg-turbo.org</a>                                                                                                               |
| libopus                   | 1.1.3          | BSD-like             | <a href="http://www.opus-codec.org/license/">http://www.opus-codec.org/license/</a>                                                                                                   |
| libpac                    | -              | Apache 2.0           | <a href="https://github.com/ldx/libpac">https://github.com/ldx/libpac</a>                                                                                                             |
| Libsrsp                   | 2.1.2          | Apache v2            | <a href="http://srp.stanford.edu/">http://srp.stanford.edu/</a>                                                                                                                       |
| libSRTP                   | 1.3.20         | BSD                  | <a href="https://github.com/cisco/libsrtp">https://github.com/cisco/libsrtp</a>                                                                                                       |
| libudev                   |                | LGPLv2.1             | <a href="https://github.com/systemd/systemd/tree/main/src/libudev">https://github.com/systemd/systemd/tree/main/src/libudev</a>                                                       |
| libusb                    | 1.0.8          | LGPL V2.1            | <a href="https://github.com/libusb/libusb">https://github.com/libusb/libusb</a>                                                                                                       |
| libwebsockets             | 2.0.2          | LGPL v2.1            | <a href="https://github.com/warmcat/libwebsockets">https://github.com/warmcat/libwebsockets</a>                                                                                       |
| libwebview                |                | LGPLv3               | <a href="https://sourceforge.net/projects/libwebcam/">https://sourceforge.net/projects/libwebcam/</a>                                                                                 |
| libxml2                   | 2.7.6          | BSD                  | <a href="https://gitlab.gnome.org/GNOME/libxml2/">https://gitlab.gnome.org/GNOME/libxml2/</a>                                                                                         |
| Linux-pam                 | 1.1.8          | BSD-like             | <a href="https://github.com/linux-pam/linux-pam/blob/Linux-PAM-1_0-branch/Copyright">https://github.com/linux-pam/linux-pam/blob/Linux-PAM-1_0-branch/Copyright</a>                   |
| lodash                    | 4.17.15        | MIT                  | <a href="https://github.com/lodash/lodash">https://github.com/lodash/lodash</a>                                                                                                       |
| minidev.net json-smart    | 1.1.1          | Apache 2.0           | <a href="https://mvnrepository.com/artifact/net.minidev/json-smart/1.1.1">https://mvnrepository.com/artifact/net.minidev/json-smart/1.1.1</a>                                         |
| moment                    | 2.24.0         | MIT                  | <a href="https://github.com/moment/moment">https://github.com/moment/moment</a>                                                                                                       |
| M-twist                   | 0.7            | LGPL V2.1            | <a href="https://github.com/filebench/filebench/tree/master/cvars/mtwist">https://github.com/filebench/filebench/tree/master/cvars/mtwist</a>                                         |
| ncurses                   | 5.4            | MIT                  | <a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1.html">http://www.gnu.org/licenses/old-licenses/lgpl-2.1.html</a>                                                           |
| nestedvm                  | 1              | Apache 2.0           | <a href="http://nestedvm.ibex.org">http://nestedvm.ibex.org</a>                                                                                                                       |
| NGINX                     | 1.12.2         | 2 clause BSD-like    | <a href="http://nginx.org">http://nginx.org</a>                                                                                                                                       |

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| nginx tos filter           | N/A             | BSD            | <a href="https://github.com/catap/nginx_http_ip_tos_filter_module">https://github.com/catap/nginx_http_ip_tos_filter_module</a>                                                                                                 |
| nimbusDS OAuth 2.0         | 4.4             | Apache 2.0     | <a href="https://connect2id.com/products/nimbus-oauth-openid-connect-sdk">https://connect2id.com/products/nimbus-oauth-openid-connect-sdk</a>                                                                                   |
| node-sass-package-importer | 5.2.0           | MIT            | <a href="https://github.com/maoberlehner/node-sass-magic-importer/tree/master/packages/node-sass-package-importer">https://github.com/maoberlehner/node-sass-magic-importer/tree/master/packages/node-sass-package-importer</a> |
| normalize.css              | 8.0.1           | MIT            | <a href="https://github.com/necolas/normalize.css">https://github.com/necolas/normalize.css</a>                                                                                                                                 |
| Nxlog                      | 2.5.1089        | GPL v2/LGPL v2 | <a href="http://nxlog-ce.sourceforge.net/">http://nxlog-ce.sourceforge.net/</a>                                                                                                                                                 |
| Objenesis                  | 2.1 & 2.5 & 2.6 | Apache 2.0     | <a href="https://github.com/easymock/objenesis">https://github.com/easymock/objenesis</a>                                                                                                                                       |
| OkHttp                     | 3.2.0           | Apache 2.0     | <a href="https://github.com/square/okhttp">https://github.com/square/okhttp</a>                                                                                                                                                 |
| OpenCV                     | 4.5.0           | BSD 3-clause   | <a href="https://github.com/opencv/opencv">https://github.com/opencv/opencv</a>                                                                                                                                                 |
| opencv3                    | 3.0.0           | 3-clause BSD   | <a href="https://android.googlesource.com/platform/external/opencv3">https://android.googlesource.com/platform/external/opencv3</a>                                                                                             |
| opencv3/3rdparty/libjasper | 1.900.1-13      | BSD-like       | <a href="https://android.googlesource.com/platform/external/opencv3/+refs/heads/master/3rdparty/libjasper/">https://android.googlesource.com/platform/external/opencv3/+refs/heads/master/3rdparty/libjasper/</a>               |
| opencv3/3rdparty/libjpeg   | 9               | BSD-like       | <a href="https://android.googlesource.com/platform/external/opencv3/+refs/heads/master/3rdparty/libjpeg/">https://android.googlesource.com/platform/external/opencv3/+refs/heads/master/3rdparty/libjpeg/</a>                   |
| opencv3/3rdparty/libtiff   | 4.0.2           | BSD-like       | <a href="https://android.googlesource.com/platform/external/opencv3/+refs/heads/master/3rdparty/libtiff/">https://android.googlesource.com/platform/external/opencv3/+refs/heads/master/3rdparty/libtiff/</a>                   |
| opencv3/3rdparty/openexr   | 1.7.1           | BSD-like       | <a href="https://android.googlesource.com/platform/external/opencv3/+refs/heads/master/3rdparty/openexr/">https://android.googlesource.com/platform/external/opencv3/+refs/heads/master/3rdparty/openexr/</a>                   |
| opencv3/3rdparty/tbb       |                 | None           | <a href="https://android.googlesource.com/platform/external/opencv3/+refs/heads/master/3rdparty/tbb/">https://android.googlesource.com/platform/external/opencv3/+refs/heads/master/3rdparty/tbb/</a>                           |
| OpenLDAP                   | 2.4.47          | OpenLDAP       | <a href="http://www.openldap.org/software/release">http://www.openldap.org/software/release</a>                                                                                                                                 |
| Openntpd                   | 2009/06/11      | BSD            | <a href="http://www.openntpd.org/">http://www.openntpd.org/</a>                                                                                                                                                                 |
| OpenSSH                    | 7.1p1/7.5p1     | BSD            | <a href="https://github.com/openssh">https://github.com/openssh</a>                                                                                                                                                             |
| OpenSSL                    | 1.0.2p          | OpenSSL        | <a href="http://www.openssl.org/source/">http://www.openssl.org/source/</a>                                                                                                                                                     |
| orientdb-jdbc              | 2.2.31          | Apache 2.0     | <a href="https://github.com/orientechnologies/orientdb-jdbc">https://github.com/orientechnologies/orientdb-jdbc</a>                                                                                                             |

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| paper-button                   | 2.1.3          | BSD-3-<br>CLAUSE                    | <a href="https://www.webcomponents.org/element/@polymer/paper-button">https://www.webcomponents.org/element/@polymer/paper-button</a>               |
| paper-icon-button              | 2.2.1          | BSD-3-<br>CLAUSE                    | <a href="https://www.webcomponents.org/element/@polymer/paper-icon-button">https://www.webcomponents.org/element/@polymer/paper-icon-button</a>     |
| paper-item                     | 2.1.1          | BSD-3-<br>CLAUSE                    | <a href="https://www.webcomponents.org/element/@polymer/paper-item">https://www.webcomponents.org/element/@polymer/paper-item</a>                   |
| paper-listbox                  | 2.1.1          | BSD-3-<br>CLAUSE                    | <a href="https://www.webcomponents.org/element/@polymer/paper-listbox">https://www.webcomponents.org/element/@polymer/paper-listbox</a>             |
| paper-menu-button              | 2.1.1          | BSD-3-<br>CLAUSE                    | <a href="https://www.webcomponents.org/element/@polymer/paper-menu-button">https://www.webcomponents.org/element/@polymer/paper-menu-button</a>     |
| paper-spinner                  | 2.1.0          | BSD-3-<br>CLAUSE                    | <a href="https://www.webcomponents.org/element/@polymer/paper-spinner">https://www.webcomponents.org/element/@polymer/paper-spinner</a>             |
| paper-tabs                     | 2.1.1          | BSD-3-<br>CLAUSE                    | <a href="https://www.webcomponents.org/element/@polymer/paper-tabs">https://www.webcomponents.org/element/@polymer/paper-tabs</a>                   |
| paper-toggle-button            | 2.1.1          | BSD-3-<br>CLAUSE                    | <a href="https://www.webcomponents.org/element/@polymer/paper-toggle-button">https://www.webcomponents.org/element/@polymer/paper-toggle-button</a> |
| Parceler (Transfuse)           | 1.1.10         | Apache<br>2.0                       | <a href="https://github.com/johncarl81/parceler">https://github.com/johncarl81/parceler</a>                                                         |
| pcap                           | 1.3.0          | BSD 3                               | <a href="https://www.tcpdump.org/#source">https://www.tcpdump.org/#source</a>                                                                       |
| pciutils                       | 3.6.2          | GPLv2                               | <a href="https://github.com/pciutils/pciutils">https://github.com/pciutils/pciutils</a>                                                             |
| PercepNet                      | 1.0.40941      | BSD-3-<br>CLAUSE                    | <a href="https://github.com/jzi040941/PercepNet/tree/main">https://github.com/jzi040941/PercepNet/tree/main</a>                                     |
| primeicons                     | 1.0.0          | MIT                                 | <a href="https://github.com/primefaces/primeicons">https://github.com/primefaces/primeicons</a>                                                     |
| primeicons                     | 2.0.0          | MIT                                 | <a href="https://github.com/primefaces/primeicons">https://github.com/primefaces/primeicons</a>                                                     |
| primeng                        | 7.1.3          | MIT                                 | <a href="https://github.com/primefaces/primeng">https://github.com/primefaces/primeng</a>                                                           |
| Posenet                        |                | Apache<br>License<br>Version<br>2.0 | <a href="https://github.com/google-coral/project-posenet">https://github.com/google-coral/project-posenet</a>                                       |
| Procps                         | 3.2.7          | GPL v2                              | <a href="https://sourceforge.net/projects/procps/">https://sourceforge.net/projects/procps/</a>                                                     |
| promise-polyfill               | 7.1.2          | MIT                                 | <a href="https://github.com/taylorhakes/promise-polyfill">https://github.com/taylorhakes/promise-polyfill</a>                                       |
| protobuf                       | 2.2.0a         | Apache v2                           | <a href="https://github.com/protocolbuffers/protobuf">https://github.com/protocolbuffers/protobuf</a>                                               |
| Prototype Javascript Framework | 1.6.1-1        | OFL                                 | <a href="https://github.com/prototypejs/prototype">https://github.com/prototypejs/prototype</a>                                                     |
| ptp4l                          | 1.4            | GPLv2                               | <a href="http://linuxptp.sourceforge.net">http://linuxptp.sourceforge.net</a>                                                                       |

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| RapidXML                          | 1.1            | MIT            | <a href="https://github.com/dwd/rapidxml">https://github.com/dwd/rapidxml</a>                                                                                                                                                                               |
| Reactive-Native-Webview-Crosswalk | 0.0.2          | MIT            | <a href="https://www.npmjs.com/package/react-native-webview-crosswalk">https://www.npmjs.com/package/react-native-webview-crosswalk</a>                                                                                                                     |
| Reflect-Metadata                  | 0.1.9          | Apache v2      | <a href="https://github.com/rbuckton/reflect-metadata">https://github.com/rbuckton/reflect-metadata</a>                                                                                                                                                     |
| replace-in-file                   | 3.4.2          | MIT            | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>                                                                                                                                                                         |
| restlet                           | 2.3.12         | Apache 2.0     | <a href="https://restlet.com/open-source/downloads/past/#branch=2.3&amp;release=2.3.12&amp;edition=android&amp;distribution=zip">https://restlet.com/open-source/downloads/past/#branch=2.3&amp;release=2.3.12&amp;edition=android&amp;distribution=zip</a> |
| Restlet Extension Jackson         | 2.3.12         | Apache 2.0     | <a href="https://mvnrepository.com/artifact/org.restlet.jee/org.restlet.ext.jackson/2.3.12">https://mvnrepository.com/artifact/org.restlet.jee/org.restlet.ext.jackson/2.3.12</a>                                                                           |
| RNNoise                           |                | BSD 3-clause   | <a href="https://github.com/xiph/rnnoise/">https://github.com/xiph/rnnoise/</a>                                                                                                                                                                             |
| RxAndroid                         | 1.2.1          | Apache 2.0     | <a href="https://github.com/ReactiveX/RxAndroid">https://github.com/ReactiveX/RxAndroid</a>                                                                                                                                                                 |
| RxJava                            | 1.2.7          | Apache 2.0     | <a href="https://github.com/ReactiveX/RxJava">https://github.com/ReactiveX/RxJava</a>                                                                                                                                                                       |
| rxjs                              | 6.5.3          | Apache-2.0     | <a href="https://github.com/reactivex/rxjs">https://github.com/reactivex/rxjs</a>                                                                                                                                                                           |
| RxKotlin                          | 1.0.0          | Apache 2.0     | <a href="https://github.com/ReactiveX/RxKotlin">https://github.com/ReactiveX/RxKotlin</a>                                                                                                                                                                   |
| RxRemote                          | 1.0.13         | Apache 2.0     | <a href="https://github.com/josesamuel/RxRemote">https://github.com/josesamuel/RxRemote</a>                                                                                                                                                                 |
| sambox                            | 1.0.0M3        | Apache 2.0     | <a href="https://github.com/torakiki/sambox">https://github.com/torakiki/sambox</a>                                                                                                                                                                         |
| Simpleson                         |                | MIT            | <a href="https://github.com/gregjesl/simpleson">https://github.com/gregjesl/simpleson</a>                                                                                                                                                                   |
| SLF4J                             | 1.7.5          | MIT            | <a href="https://www.slf4j.org/dist/">https://www.slf4j.org/dist/</a>                                                                                                                                                                                       |
| slf4j-simple                      | 1.7.5          | MIT            | <a href="https://mvnrepository.com/artifact/org.slf4j/slf4j-simple/1.7.5">https://mvnrepository.com/artifact/org.slf4j/slf4j-simple/1.7.5</a>                                                                                                               |
| snmp4j                            | 2.0.6          | Apache 2.0     | <a href="https://www.snmp4j.org">https://www.snmp4j.org</a>                                                                                                                                                                                                 |
| SNMP4J Agent                      | 2.0.5          | Apache 2.0     | <a href="http://www.snmp4j.org/html/download.html">http://www.snmp4j.org/html/download.html</a>                                                                                                                                                             |

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| SpongyCastle           | 1.52.0      | The Legion of Bouncy Castle Inc. (fully permissive) | <a href="https://github.com/rtyley/spongycastle">https://github.com/rtyley/spongycastle</a>                                                                                                                                                                                                                                                                                 |
| sqldroid               | 1.0.3       | MIT                                                 | <a href="https://github.com/SQLDroid/SQLDroid">https://github.com/SQLDroid/SQLDroid</a>                                                                                                                                                                                                                                                                                     |
| SquareUp Retrofit2     | 2.0.0       | Apache 2.0                                          | <a href="https://mvnrepository.com/artifact/com.squareup.retrofit2/retrofit/2.0.0">https://mvnrepository.com/artifact/com.squareup.retrofit2/retrofit/2.0.0</a>                                                                                                                                                                                                             |
| squareup-okio          | 1.6.0       | Apache 2.0                                          | <a href="https://github.com/square/okio">https://github.com/square/okio</a>                                                                                                                                                                                                                                                                                                 |
| sscep                  | 0.6.1       | BSD 2-clause                                        | <a href="https://github.com/certnanny/sscep">https://github.com/certnanny/sscep</a>                                                                                                                                                                                                                                                                                         |
| StreamEx               | 0.6.5       | Apache 2.0                                          | <a href="https://github.com/amaembo/streamex">https://github.com/amaembo/streamex</a>                                                                                                                                                                                                                                                                                       |
| tensorflow             | 2.3.0       | Apache License Version 2.0                          | <a href="https://github.com/tensorflow/tensorflow">https://github.com/tensorflow/tensorflow</a>                                                                                                                                                                                                                                                                             |
| tensorflow/absl        |             | Apache 2.0                                          | <a href="https://github.com/abseil/abseil-cpp/archive/43ef2148c0936ebf7cb4be6b19927a9d9d145b8f.tar.gz">https://github.com/abseil/abseil-cpp/archive/43ef2148c0936ebf7cb4be6b19927a9d9d145b8f.tar.gz</a>                                                                                                                                                                     |
| tensorflow/eigen       | 3.3.90      | MPL2 + BSD-like (multiple)                          | <a href="https://github.com/tensorflow/tensorflow/tree/master/third_party/eigen3">https://github.com/tensorflow/tensorflow/tree/master/third_party/eigen3</a> and <a href="https://bitbucket.org/eigen/eigen/get/49177915a14a.tar.gz">https://bitbucket.org/eigen/eigen/get/49177915a14a.tar.gz</a>                                                                         |
| tensorflow/farmhash    | 1.1         | MIT                                                 | <a href="https://storage.googleapis.com/mirror.tensorflow.org/github.com/google/farmhash/archive/816a4ae622e964763ca0862d9dbd19324a1eaf45.tar.gz">https://storage.googleapis.com/mirror.tensorflow.org/github.com/google/farmhash/archive/816a4ae622e964763ca0862d9dbd19324a1eaf45.tar.gz</a>                                                                               |
| tensorflow/fft2d       | Unspecified | Free                                                | <a href="https://github.com/tensorflow/tensorflow/tree/master/third_party/fft2d">https://github.com/tensorflow/tensorflow/tree/master/third_party/fft2d</a> and <a href="https://storage.googleapis.com/mirror.tensorflow.org/www.kurims.kyoto-u.ac.jp/~ooura/fft2d.tgz">https://storage.googleapis.com/mirror.tensorflow.org/www.kurims.kyoto-u.ac.jp/~ooura/fft2d.tgz</a> |
| tensorflow/flatbuffers | 1.11.0      | Apache 2.0                                          | <a href="https://storage.googleapis.com/mirror.tensorflow.org/github.com/google/flatbuffers/archive/v1.11.0.tar.gz">https://storage.googleapis.com/mirror.tensorflow.org/github.com/google/flatbuffers/archive/v1.11.0.tar.gz</a>                                                                                                                                           |
| tensorflow/gemmlowp    |             | Apache 2.0                                          | <a href="https://storage.googleapis.com/mirror.tensorflow.org/github.com/google/gemmlowp/archive/12fed0cd7cfd9e169bf1925bc3a7a58725fdcc3.zip">https://storage.googleapis.com/mirror.tensorflow.org/github.com/google/gemmlowp/archive/12fed0cd7cfd9e169bf1925bc3a7a58725fdcc3.zip</a>                                                                                       |
| Timber (loggin util)   | 4.1.2       | Apache 2.0                                          | <a href="https://github.com/JakeWharton/timber">https://github.com/JakeWharton/timber</a>                                                                                                                                                                                                                                                                                   |

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|----------------------------------------|----------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| timehop stickyheaders<br>Recycler view | 0.4.3          | Apache<br>2.0    | <a href="https://github.com/timehop/sticky-headers-recyclerview">https://github.com/timehop/sticky-headers-recyclerview</a>                                                                                                                                         |
| Twilio-java-sdk                        | 3.4.5          | MIT              | <a href="https://github.com/twilio/twilio-java">https://github.com/twilio/twilio-java</a>                                                                                                                                                                           |
| typescript                             | 3.5.3          | Apache-<br>2.0   | <a href="https://github.com/Microsoft/TypeScript">https://github.com/Microsoft/TypeScript</a>                                                                                                                                                                       |
| typescript-collections                 | 1.3.2          | MIT              | <a href="https://github.com/basarat/typescript-collections">https://github.com/basarat/typescript-collections</a>                                                                                                                                                   |
| uvcdynctrl                             |                | GPLv3            | <a href="https://sourceforge.net/projects/libwebcam/">https://sourceforge.net/projects/libwebcam/</a>                                                                                                                                                               |
| v4l-util                               |                | GPLv2            | <a href="https://git.linuxtv.org/v4l-utils.git">https://git.linuxtv.org/v4l-utils.git</a>                                                                                                                                                                           |
| web-animations-js                      | 2.3.2          | Apache-<br>2.0   | <a href="https://github.com/web-animations/web-animations-js">https://github.com/web-animations/web-animations-js</a>                                                                                                                                               |
| webjars bower jqgrid                   | 4.8.2          | MIT              | <a href="https://mvnrepository.com/artifact/org.webjars.bower/jqgrid/4.8.2">https://mvnrepository.com/artifact/org.webjars.bower/jqgrid/4.8.2</a>                                                                                                                   |
| whatwg-fetch                           | 2.0.3          | MIT              | <a href="https://github.com/github/fetch">https://github.com/github/fetch</a>                                                                                                                                                                                       |
| Will Frame                             | 1.0            | Apache<br>2.0    | <a href="https://mvnrepository.com/artifact/com.will4it.wmframe/wmframe/1.0">https://mvnrepository.com/artifact/com.will4it.wmframe/wmframe/1.0</a>                                                                                                                 |
| Xerial SQLite JDBC                     | 3.7.2          | Apache<br>2.0    | <a href="https://github.com/xerial/sqlite-jdbc">https://github.com/xerial/sqlite-jdbc</a>                                                                                                                                                                           |
| yargs                                  | 14.0.0         | MIT              | <a href="https://github.com/yargs/yargs">https://github.com/yargs/yargs</a>                                                                                                                                                                                         |
| zdump                                  | 7.12           | public<br>domain | <a href="https://kernel.googlesource.com/pub/scm/utils/util-linux/util-linux/+6dbe3af945a63f025561abb83275cee9ff06c57b/time/zdump.c">https://kernel.googlesource.com/pub/scm/utils/util-linux/util-linux/+6dbe3af945a63f025561abb83275cee9ff06c57b/time/zdump.c</a> |
| zlib                                   | 1.2.8          | BSD-like         | <a href="https://github.com/madler/zlib/blob/v1.2.8/zlib.h">https://github.com/madler/zlib/blob/v1.2.8/zlib.h</a>                                                                                                                                                   |
| zone.js                                | 0.9.1          | MIT              | <a href="https://github.com/angular/zone.js">https://github.com/angular/zone.js</a>                                                                                                                                                                                 |
| ZXing                                  | 3.3.2          | Apache v2        | <a href="https://github.com/zxing/zxing">https://github.com/zxing/zxing</a>                                                                                                                                                                                         |
| ZXing                                  | 3.4            | Apache<br>2.0    | <a href="https://github.com/zxing/zxing">https://github.com/zxing/zxing</a>                                                                                                                                                                                         |
| ZXing Android<br>Embedded              | 3.6.0          | Apache v2        | <a href="https://github.com/journeyapps/zxing-android-embedded">https://github.com/journeyapps/zxing-android-embedded</a>                                                                                                                                           |

## Poly Studio G62, Poly Studio X52, and Poly Studio X70

The following table contains license information for the open source software packages used in the Poly Studio G62, Poly Studio X52, and Poly Studio X70 systems. The source code and the licenses for all the open-source software are available upon request.

## Poly Studio X70 Systems

| Software                          | Version       | License          | Link                                                                                                                                                  |
|-----------------------------------|---------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| @angular                          | 6.0           | MIT              | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>                                                                   |
| @angular/animations               | 8.2.10        | MIT              | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>                                                                   |
| @angular/cdk                      | 8.2.3         | MIT              | <a href="https://github.com/angular/components">https://github.com/angular/components</a>                                                             |
| @angular/cli                      | 1.7.4         | MIT              | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>                                                                   |
| @angular/common                   | 8.2.10        | MIT              | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>                                                                   |
| @angular/compiler                 | 8.2.10        | MIT              | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>                                                                   |
| @angular/compiler-cli             | 8.2.10        | MIT              | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>                                                                   |
| @angular/core                     | 8.2.10        | MIT              | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>                                                                   |
| @angular/flex-layout              | 8.0.0-beta.27 | MIT              | <a href="https://github.com/angular/flex-layout">https://github.com/angular/flex-layout</a>                                                           |
| @angular/forms                    | 8.2.10        | MIT              | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>                                                                   |
| @angular/http                     | 5.2.11        | MIT              | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>                                                                   |
| @angular/material                 | 8.2.3         | MIT              | <a href="https://github.com/angular/components">https://github.com/angular/components</a>                                                             |
| @angular/platform-browser         | 8.2.10        | MIT              | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>                                                                   |
| @angular/platform-browser-dynamic | 8.2.10        | MIT              | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>                                                                   |
| @angular/platform-server          | 5.2.11        | MIT              | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>                                                                   |
| @angular/router                   | 8.2.10        | MIT              | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>                                                                   |
| @ngrx/effects                     | 8.4.0         | MIT              | <a href="https://github.com/ngrx/platform">https://github.com/ngrx/platform</a>                                                                       |
| @ngrx/router-store                | 8.4.0         | MIT              | <a href="https://github.com/ngrx/platform">https://github.com/ngrx/platform</a>                                                                       |
| @ngrx/store                       | 8.4.0         | MIT              | <a href="https://github.com/ngrx/platform">https://github.com/ngrx/platform</a>                                                                       |
| @ngrx/store-devtools              | 8.4.0         | MIT              | <a href="https://github.com/ngrx/platform">https://github.com/ngrx/platform</a>                                                                       |
| @webcomponents/webcomponentsjs    | 1.3.3         | BSD-3-Clause     | <a href="https://github.com/webcomponents/webcomponentsjs">https://github.com/webcomponents/webcomponentsjs</a>                                       |
| Abego TreeLayout                  | 1.0.1         | BSD3             | <a href="https://github.com/abego/treelayout">https://github.com/abego/treelayout</a>                                                                 |
| ADAL4J                            | 1.1.2         | Apache 2.0 & MIT | <a href="https://mvnrepository.com/artifact/com.microsoft.azure/adal4j/1.1.2">https://mvnrepository.com/artifact/com.microsoft.azure/adal4j/1.1.2</a> |

| <b>Software</b>                    | <b>Version</b> | <b>License</b> | <b>Link</b>                                                                                                                                                                                                                 |
|------------------------------------|----------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Android 10 QCOM Distro             | 10             | QCOM License   | The CAF (CodeAurora Forums, which is the open source part) branch that is part of that release is:<br>Image: LA.UM.8.12.2.R1<br>Build/Label: LA.UM.8.12.2.r1-00900-QCS8250.0-1<br>Update 865 platform to Qualcomm 865 r24.2 |
| angular-in-memory-web-api          | 0.9.0          | MIT            | <a href="https://github.com/angular/in-memory-web-api">https://github.com/angular/in-memory-web-api</a>                                                                                                                     |
| ANTLR                              | 4.7.1 & 4.5.3  | BSD            | <a href="https://www.antlr.org/license.html">https://www.antlr.org/license.html</a>                                                                                                                                         |
| Apache Commons Codec               | 1.6 and 1.9    | Apache 2.0     | <a href="https://commons.apache.org/proper/commons-codec/">https://commons.apache.org/proper/commons-codec/</a>                                                                                                             |
| Apache Commons Compress            | 1.12           | Apache 2.0     | <a href="https://github.com/apache/commons-compress">https://github.com/apache/commons-compress</a>                                                                                                                         |
| Apache Commons Digester            | 1.6            | Apache 2.0     | <a href="https://commons.apache.org/proper/commons-digester/">https://commons.apache.org/proper/commons-digester/</a>                                                                                                       |
| Apache Commons FileUpload          | 1.3            | Apache 2.0     | <a href="https://github.com/apache/commons-fileupload">https://github.com/apache/commons-fileupload</a>                                                                                                                     |
| Apache Commons IO                  | 2.4            | Apache 2.0     | <a href="https://commons.apache.org/proper/commons-io/">https://commons.apache.org/proper/commons-io/</a>                                                                                                                   |
| Apache Commons Lang                | 3.3.1          | Apache 2.0     | <a href="https://commons.apache.org/proper/commons-lang/">https://commons.apache.org/proper/commons-lang/</a>                                                                                                               |
| Apache Commons Logging             | 1.1.1          | Apache 2.0     | <a href="https://commons.apache.org/proper/commons-logging/">https://commons.apache.org/proper/commons-logging/</a>                                                                                                         |
| Apache HttpComponentsCore          | 4.1.3          | Apache 2.0     | <a href="https://github.com/apache/httpcomponents-core">https://github.com/apache/httpcomponents-core</a>                                                                                                                   |
| Apache log4j                       | 1.2.17         | Apache 2.0     | <a href="https://logging.apache.org/log4j/2.x/">https://logging.apache.org/log4j/2.x/</a>                                                                                                                                   |
| Apache ORO                         | 2.0.8          | Apache 2.0     | <a href="https://projects.apache.org/project.html?attic-oro">https://projects.apache.org/project.html?attic-oro</a>                                                                                                         |
| Apache PDF Box                     | 2.0.1          | Apache 2.0     | <a href="https://pdfbox.apache.org">https://pdfbox.apache.org</a>                                                                                                                                                           |
| Apache ServiceMix Bundle           | 1.4.8_1        | Apache 2.0     | <a href="https://servicemix.apache.org/developers/source/bundles-source.html">https://servicemix.apache.org/developers/source/bundles-source.html</a>                                                                       |
| Apache ServiceMix Bundle - xstream | 1.4.11.1       | Apache 2.0     | <a href="https://github.com/apache/servicemix-bundles/tree/master/xstream-1.4.11.1">https://github.com/apache/servicemix-bundles/tree/master/xstream-1.4.11.1</a>                                                           |
| Apache Xerces Common               | 3.2.0          | Apache 2.0     | <a href="http://xerces.apache.org/xml-commons/">http://xerces.apache.org/xml-commons/</a>                                                                                                                                   |
| apache/apr                         | 1.6.5          | Apache 2.0     | <a href="https://github.com/apache/apr">https://github.com/apache/apr</a>                                                                                                                                                   |

| <b>Software</b>          | <b>Version</b> | <b>License</b>                                      | <b>Link</b>                                                                                                 |
|--------------------------|----------------|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Apple ALAC               | 4.0.0          | Apache v2                                           | <a href="https://macosforge.github.io/alac/">https://macosforge.github.io/alac/</a>                         |
| Apr                      | 1.4.6          | Apache v2                                           | <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a>         |
| Boost                    | 1.40.0         | BSD-like                                            | <a href="https://www.boost.org">https://www.boost.org</a>                                                   |
| BouncyCastle             | 1.46           | The Legion of Bouncy Castle Inc. (fully permissive) | <a href="https://www.bouncycastle.org">https://www.bouncycastle.org</a>                                     |
| bower                    | 1.8.4          | MIT                                                 | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>                         |
| Busybox                  | 1.19.4         | GPL v2                                              | <a href="https://git.busybox.net/busybox">https://git.busybox.net/busybox</a>                               |
| Butterknife              | 8.4.0          | Apache 2.0                                          | <a href="https://github.com/JakeWharton/butterknife">https://github.com/JakeWharton/butterknife</a>         |
| CarbonCopy               | 1.0.0          | Apache 2.0                                          | <a href="https://github.com/josesamuel/carboncopy">https://github.com/josesamuel/carboncopy</a>             |
| c-ares                   | 1.3.2          | MIT                                                 | <a href="https://c-ares.haxx.se">https://c-ares.haxx.se</a>                                                 |
| cjose                    | 0.6.1          | MIT                                                 | <a href="https://github.com/cisco/cjose">https://github.com/cisco/cjose</a>                                 |
| Core-JS                  | 2.4.1          | BSD-like                                            | <a href="https://github.com/zloirock/core-js">https://github.com/zloirock/core-js</a>                       |
| core-js                  | 3.2.1          | MIT                                                 | <a href="https://github.com/zloirock/core-js">https://github.com/zloirock/core-js</a>                       |
| cross-os                 | 1.3.0          | MIT                                                 | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>                         |
| crosswalk                | 19.49.514.5    | BSD 3                                               | <a href="https://github.com/crosswalk-project/crosswalk">https://github.com/crosswalk-project/crosswalk</a> |
| curl                     | 7.52.0         | BSD-like                                            | <a href="https://curl.haxx.se">https://curl.haxx.se</a>                                                     |
| cw-omnibus               | 7.6            | Apache 2.0                                          | <a href="https://github.com/commonsguy/cw-omnibus">https://github.com/commonsguy/cw-omnibus</a>             |
| Cyrus-SASL               | 2.1.22         | BSD                                                 | <a href="http://asq.web.cmu.edu/sasl/sasl-library.html">http://asq.web.cmu.edu/sasl/sasl-library.html</a>   |
| Dagger Production Graphs | 2.15           | Apache 2.0                                          | <a href="https://github.com/google/dagger">https://github.com/google/dagger</a>                             |
| DFU Util                 | 0.9            | GPL 2.0                                             | <a href="http://dfu-util.sourceforge.net/">http://dfu-util.sourceforge.net/</a>                             |
| dom4j                    | 2.1.0          | BSD                                                 | <a href="https://github.com/dom4j/dom4j">https://github.com/dom4j/dom4j</a>                                 |
| dropbox                  | 4.0.28         | MIT                                                 | <a href="https://github.com/dropbox/dropbox-sdk-js">https://github.com/dropbox/dropbox-sdk-js</a>           |
| duktape                  | 2.2.99         | MIT                                                 | <a href="https://github.com/svaarala/duktape">https://github.com/svaarala/duktape</a>                       |
| Elasticsearch            | 6.4.0          | Apache 2.0                                          | <a href="https://github.com/elastic/elasticsearch">https://github.com/elastic/elasticsearch</a>             |
| enea/linx                | 2.5.1          | BSD for user space libraries.                       | <a href="http://linx.sourceforge.net/">http://linx.sourceforge.net/</a>                                     |

| <b>Software</b>                         | <b>Version</b>        | <b>License</b>             | <b>Link</b>                                                                                                                                      |
|-----------------------------------------|-----------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| engine.io                               | 0.4.1                 | MIT                        | <a href="https://github.com/nkzawa/engine.io-client">https://github.com/nkzawa/engine.io-client</a>                                              |
| Esoteric Software<br>ReflectASM         | 1.11.4                | BSD 3                      | <a href="https://github.com/EsotericSoftware/reflectasm">https://github.com/EsotericSoftware/reflectasm</a>                                      |
| ethtool                                 | 3                     | GPLv2                      | <a href="https://mirrors.edge.kernel.org/pub/software/network/ethtool/">https://mirrors.edge.kernel.org/pub/software/network/ethtool/</a>        |
| Event Bus<br>(GreenRobot)               | 2.4.1                 | Apache 2.0                 | <a href="https://github.com/greenrobot/EventBus">https://github.com/greenrobot/EventBus</a>                                                      |
| expr-eval                               | 2.0.1                 | MIT                        | <a href="https://github.com/silentmatt/expr-eval">https://github.com/silentmatt/expr-eval</a>                                                    |
| faker                                   | 4.1.0                 | MIT                        | <a href="https://github.com/Marak/Faker.js">https://github.com/Marak/Faker.js</a>                                                                |
| FasterXML/Jackson                       | 2.4.4                 | Apache 2.0                 | <a href="https://github.com/FasterXML/jackson">https://github.com/FasterXML/jackson</a>                                                          |
| fastutil                                | 7.2.0                 | Apache 2.0                 | <a href="https://github.com/vigna/fastutil">https://github.com/vigna/fastutil</a>                                                                |
| FFmpeg                                  | 2.7.2                 | LGPL v2.1                  | <a href="http://ffmpeg.org/legal.html">http://ffmpeg.org/legal.html</a>                                                                          |
| file-saver                              | 1.3.8                 | MIT                        | <a href="https://github.com/eligrey/FileSaver.js">https://github.com/eligrey/FileSaver.js</a>                                                    |
| filesize                                | 4.2.1                 | BSD-3-<br>Clause           | <a href="https://github.com/avoidwork/filesize.js">https://github.com/avoidwork/filesize.js</a>                                                  |
| font-awesome                            | 4.7.0                 | (OFL-1.1<br>and MIT)       | <a href="https://github.com/FortAwesome/Font-Awesome">https://github.com/FortAwesome/Font-Awesome</a>                                            |
| Fraunhofer FDK                          | 0.1.4                 | Creative<br>Commons<br>2.5 | <a href="http://www.calculate-linux.org/packages/licenses/FraunhoferFDK">http://www.calculate-<br/>linux.org/packages/licenses/FraunhoferFDK</a> |
| FreeRDP                                 | 1.1.0                 | Apache 2.0                 | <a href="https://github.com/FreeRDP/FreeRDP/blob/master">https://github.com/FreeRDP/FreeRDP/blob/master</a>                                      |
| Google Auto (auto-<br>value and others) | 1.5.2                 | Apache 2.0                 | <a href="https://github.com/google/auto">https://github.com/google/auto</a>                                                                      |
| Google Auto<br>Common Libraries         | 0.8                   | Apache 2.0                 | <a href="https://github.com/google/auto">https://github.com/google/auto</a>                                                                      |
| Google ExoPlayer                        | 2.5.1.1               | Apache 2.0                 | <a href="https://github.com/google/ExoPlayer">https://github.com/google/ExoPlayer</a>                                                            |
| Google Fonts                            | 1.096                 | OFL                        | <a href="https://fonts.google.com/">https://fonts.google.com/</a>                                                                                |
| Google GSON                             | 2.3.1/2.2.2<br>/1.7.1 | Apache 2.0                 | <a href="https://github.com/google/gson">https://github.com/google/gson</a>                                                                      |
| Google json-simple                      | 1.1                   | Apache 2.0                 | <a href="https://github.com/fangyidong/json-simple">https://github.com/fangyidong/json-simple</a>                                                |
| greenrobot/EventBu<br>s                 | 2.4.1                 | Apache 2.0                 | <a href="https://github.com/greenrobot/EventBus">https://github.com/greenrobot/EventBus</a>                                                      |
| guava                                   | 16.0.1                | Apache-2.0                 | <a href="https://github.com/google/guava">https://github.com/google/guava</a>                                                                    |

| <b>Software</b>                  | <b>Version</b> | <b>License</b> | <b>Link</b>                                                                                                                                   |
|----------------------------------|----------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Guava Google Core Java Libraries | 21             | Apache 2.0     | <a href="https://github.com/google/guava">https://github.com/google/guava</a>                                                                 |
| hamcrest-library                 | 1.3            | BSD            | <a href="https://github.com/hamcrest/JavaHamcrest">https://github.com/hamcrest/JavaHamcrest</a>                                               |
| hammerjs                         | 2.0.8          | MIT            | <a href="https://github.com/hammerjs/hammer.js">https://github.com/hammerjs/hammer.js</a>                                                     |
| Hexagon Delegate                 | 1.20           | QCOM license   | <a href="https://www.tensorflow.org/lite/performance/hexagon_delegate">https://www.tensorflow.org/lite/performance/hexagon_delegate</a>       |
| Hexagon Delegate                 | 1.2.0          | QCOM license   | <a href="https://www.tensorflow.org/lite/performance/hexagon_delegate">https://www.tensorflow.org/lite/performance/hexagon_delegate</a>       |
| HIDAPI                           | 0.7.0          | BSD3           | <a href="https://github.com/signal11/hidapi">https://github.com/signal11/hidapi</a>                                                           |
| humanize-duration                | 3.15.3         | MIT            | <a href="https://github.com/sebastianhaas/angularjs-humanize-duration">https://github.com/sebastianhaas/angularjs-humanize-duration</a>       |
| humanize-duration                | 3.20.1         | Unlicense      | <a href="https://github.com/EvanHahn/HumanizeDuration.js">https://github.com/EvanHahn/HumanizeDuration.js</a>                                 |
| i2c-tools                        | 3.1.0          | GPLv2          | <a href="https://github.com/Distrotech/i2c-tools">https://github.com/Distrotech/i2c-tools</a>                                                 |
| iconv                            | 1.13.1         | GPLv3          | <a href="http://ftp.gnu.org/gnu/libiconv/">http://ftp.gnu.org/gnu/libiconv/</a>                                                               |
| IPerf                            | 3.1            | BSD3           | <a href="https://github.com/esnet/iperf/blob/3.1-STABLE">https://github.com/esnet/iperf/blob/3.1-STABLE</a>                                   |
| iron-ajax                        | 2.1.3          | BSD-3-CLAUSE   | <a href="https://www.webcomponents.org/element/@polymer/iron-ajax">https://www.webcomponents.org/element/@polymer/iron-ajax</a>               |
| iron-flex-layout                 | 2.0.3          | BSD-3-CLAUSE   | <a href="https://www.webcomponents.org/element/@polymer/iron-flex-layout">https://www.webcomponents.org/element/@polymer/iron-flex-layout</a> |
| iron-icon                        | 2.1.0          | BSD-3-CLAUSE   | <a href="https://www.webcomponents.org/element/@polymer/iron-icon">https://www.webcomponents.org/element/@polymer/iron-icon</a>               |
| iron-icons                       | 2.1.1          | BSD-3-CLAUSE   | <a href="https://www.webcomponents.org/element/@polymer/iron-icons">https://www.webcomponents.org/element/@polymer/iron-icons</a>             |
| iron-iconset-svg                 | 2.2.1          | BSD-3-CLAUSE   | <a href="https://www.webcomponents.org/element/@polymer/iron-iconset-svg">https://www.webcomponents.org/element/@polymer/iron-iconset-svg</a> |
| iron-input                       | 2.1.3          | BSD-3-CLAUSE   | <a href="https://www.webcomponents.org/element/@polymer/iron-input">https://www.webcomponents.org/element/@polymer/iron-input</a>             |
| iron-pages                       | 2.1.1          | BSD-3-CLAUSE   | <a href="https://www.webcomponents.org/element/@polymer/iron-pages">https://www.webcomponents.org/element/@polymer/iron-pages</a>             |
| jackson-annotations              | 2.4.4          | Apache 2.0     | <a href="https://github.com/FasterXML/jackson-annotations">https://github.com/FasterXML/jackson-annotations</a>                               |
| jackson-Core                     | 2.4.4          | Apache 2.0     | <a href="https://github.com/FasterXML/jackson-core">https://github.com/FasterXML/jackson-core</a>                                             |
| jackson-databind                 | 2.4.4          | Apache 2.0     | <a href="https://github.com/FasterXML/jackson-databind">https://github.com/FasterXML/jackson-databind</a>                                     |
| jansi                            | 1.16           | Apache 2.0     | <a href="https://github.com/fusesource/jansi">https://github.com/fusesource/jansi</a>                                                         |
| Jansson                          | 2.7            | MIT            | <a href="https://github.com/akheron/jansson/blob/2.7">https://github.com/akheron/jansson/blob/2.7</a>                                         |

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| Java CIFS Client Library             | 1.3.18           | LGPL 2.1                   | <a href="https://www.jcifs.org">https://www.jcifs.org</a>                                                                                                           |
| Java Websocket                       | 1.3.0            | MIT                        | <a href="https://github.com/TooTallNate/Java-WebSocket">https://github.com/TooTallNate/Java-WebSocket</a>                                                           |
| javamail                             | 1.5.4            | CDDL                       | <a href="https://github.com/javaee/javamail">https://github.com/javaee/javamail</a>                                                                                 |
| javaslang                            | 2.0.6            | Apache 2.0                 | <a href="https://mvnrepository.com/artifact/io.javaslang/javaslang/2.0.0">https://mvnrepository.com/artifact/io.javaslang/javaslang/2.0.0</a>                       |
| JAXB XML Binding                     | 2.2.11           | CDDL v1.1                  | <a href="https://github.com/javaee/jaxb-v2">https://github.com/javaee/jaxb-v2</a>                                                                                   |
| JDOM                                 | 1.0              | Permissive                 | <a href="http://www.jdom.org/dist/binary/archive/">http://www.jdom.org/dist/binary/archive/</a>                                                                     |
| Jetdrone Yoke                        | 2.0.13           | Apache 2.0                 | <a href="https://mvnrepository.com/artifact/com.jetdrone/yoke/2.0.13">https://mvnrepository.com/artifact/com.jetdrone/yoke/2.0.13</a>                               |
| Jetty ALPN client                    | 9.2.14.v20151106 | Apache 2.0                 | <a href="https://javalibs.com/artifact/org.eclipse.jetty/jetty-alpn-client">https://javalibs.com/artifact/org.eclipse.jetty/jetty-alpn-client</a>                   |
| Jetty HTTP Server                    | 9.2.14.v20151106 | Apache 2.0 & Eclipse 1.0   | <a href="https://github.com/eclipse/jetty.project">https://github.com/eclipse/jetty.project</a>                                                                     |
| Jetty SPDY (Jetty Server HTTP Layer) | 9.2.14.v20151106 | Apache 2.0                 | <a href="https://javalibs.com/artifact/org.eclipse.jetty">https://javalibs.com/artifact/org.eclipse.jetty</a>                                                       |
| jitterentropy-rngd                   | 1.1.0            | BSD-like                   | <a href="https://www.chronox.de/jent/doc/CPU-Jitter-NPTRNG.html#toc-Appendix-J">https://www.chronox.de/jent/doc/CPU-Jitter-NPTRNG.html#toc-Appendix-J</a>           |
| JLine                                | 3.3.1            | BSD                        | <a href="https://github.com/jline/jline3">https://github.com/jline/jline3</a>                                                                                       |
| JMXTrans                             | 250              | Apache 2.0                 | <a href="https://github.com/jmxtrans/jmxtrans">https://github.com/jmxtrans/jmxtrans</a>                                                                             |
| jpush-java-libraries                 | 1.0              | None (none published)      | <a href="https://github.com/jpush/jpush-api-java-client">https://github.com/jpush/jpush-api-java-client</a>                                                         |
| JSON for modern C++                  | 3.11.2           | MIT                        | <a href="https://github.com/nlohmann/json">https://github.com/nlohmann/json</a>                                                                                     |
| JSON-java                            | 20140107         | JSON                       | <a href="https://mvnrepository.com/artifact/org.json/json/20140107">https://mvnrepository.com/artifact/org.json/json/20140107</a>                                   |
| JUniversalCharDet                    | 1.0.3            | Mozilla Public License 1.0 | <a href="https://github.com/albfernandez/juniversalchardet">https://github.com/albfernandez/juniversalchardet</a>                                                   |
| KCF Tracker                          |                  | BSD 3-clause               | <a href="https://github.com/joaofaro/KCFcpp">https://github.com/joaofaro/KCFcpp</a>                                                                                 |
| Koin                                 | 1.0.2            | Apache 2.0                 | <a href="https://github.com/InsertKoinIO/koin">https://github.com/InsertKoinIO/koin</a>                                                                             |
| Kotlin                               | 1.2.10           | Apache 2.0                 | <a href="https://github.com/JetBrains/kotlin">https://github.com/JetBrains/kotlin</a>                                                                               |
| Kotlin Android Extensions            | 1.2.51           | Apache 2.0                 | <a href="https://github.com/JetBrains/kotlin/tree/1.2.50/plugins/android-extensions">https://github.com/JetBrains/kotlin/tree/1.2.50/plugins/android-extensions</a> |
| Kotlin StdLib                        | 1.2.51           | Apache 2.0                 | <a href="https://github.com/JetBrains/kotlin/tree/master/libraries/stdlib">https://github.com/JetBrains/kotlin/tree/master/libraries/stdlib</a>                     |

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| Kotlin-Daemon-Client   | 1.2.51         | Apache 2.0           | <a href="https://mvnrepository.com/artifact/org.jetbrains.kotlin/kotlin-daemon-client/1.2.51">https://mvnrepository.com/artifact/org.jetbrains.kotlin/kotlin-daemon-client/1.2.51</a> |
| kXML2                  | 2.3.0          | OFL                  | <a href="https://github.com/stefanhaustein/kxml2/blob/master/license.txt">https://github.com/stefanhaustein/kxml2/blob/master/license.txt</a>                                         |
| libjpeg-turbo          | 1.4.0          | Creative Commons 2.5 | <a href="http://www.libjpeg-turbo.org">http://www.libjpeg-turbo.org</a>                                                                                                               |
| libopus                | 1.1.3          | BSD-like             | <a href="http://www.opus-codec.org/license/">http://www.opus-codec.org/license/</a>                                                                                                   |
| libpac                 | -              | Apache 2.0           | <a href="https://github.com/ldx/libpac">https://github.com/ldx/libpac</a>                                                                                                             |
| Libsrsp                | 2.1.2          | Apache v2            | <a href="http://srp.stanford.edu/">http://srp.stanford.edu/</a>                                                                                                                       |
| libS RTP               | 1.3.20         | BSD                  | <a href="https://github.com/cisco/libsrtp">https://github.com/cisco/libsrtp</a>                                                                                                       |
| libudev                |                | LGPLv2.1             | <a href="https://github.com/systemd/systemd/tree/main/src/libudev">https://github.com/systemd/systemd/tree/main/src/libudev</a>                                                       |
| libusb                 | 1.0.8          | LGPL V2.1            | <a href="https://github.com/libusb/libusb">https://github.com/libusb/libusb</a>                                                                                                       |
| libwebsockets          | 2.0.2          | LGPL v2.1            | <a href="https://github.com/warmcat/libwebsockets">https://github.com/warmcat/libwebsockets</a>                                                                                       |
| libwebview             |                | LGPLv3               | <a href="https://sourceforge.net/projects/libwebcam/">https://sourceforge.net/projects/libwebcam/</a>                                                                                 |
| libxml2                | 2.7.6          | BSD                  | <a href="https://gitlab.gnome.org/GNOME/libxml2/">https://gitlab.gnome.org/GNOME/libxml2/</a>                                                                                         |
| Linux-pam              | 1.1.8          | BSD-like             | <a href="https://github.com/linux-pam/linux-pam/blob/Linux-PAM-1_0-branch/Copyright">https://github.com/linux-pam/linux-pam/blob/Linux-PAM-1_0-branch/Copyright</a>                   |
| lodash                 | 4.17.15        | MIT                  | <a href="https://github.com/lodash/lodash">https://github.com/lodash/lodash</a>                                                                                                       |
| Logback                |                | Apache 2.0           | <a href="https://mvnrepository.com/artifact/com.github.tony19/logback-android">https://mvnrepository.com/artifact/com.github.tony19/logback-android</a>                               |
| minidev.net json-smart | 1.1.1          | Apache 2.0           | <a href="https://mvnrepository.com/artifact/net.minidev/json-smart/1.1.1">https://mvnrepository.com/artifact/net.minidev/json-smart/1.1.1</a>                                         |
| moment                 | 2.24.0         | MIT                  | <a href="https://github.com/moment/moment">https://github.com/moment/moment</a>                                                                                                       |
| MPAndroidChart         | 3.1.0          | Apache License V 2.0 | <a href="https://github.com/PhilJay/MPAndroidChart">https://github.com/PhilJay/MPAndroidChart</a>                                                                                     |
| M-twist                | 0.7            | LGPL V2.1            | <a href="https://github.com/filebench/filebench/tree/master/cvars/mtwist">https://github.com/filebench/filebench/tree/master/cvars/mtwist</a>                                         |
| ncurses                | 5.4            | MIT                  | <a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1.html">http://www.gnu.org/licenses/old-licenses/lgpl-2.1.html</a>                                                           |
| nestedvm               | 1              | Apache 2.0           | <a href="http://nestedvm.ibex.org">http://nestedvm.ibex.org</a>                                                                                                                       |
| NGINX                  | 1.12.2         | 2 clause BSD-like    | <a href="http://nginx.org">http://nginx.org</a>                                                                                                                                       |
| nginx tos filter       | N/A            | BSD                  | <a href="https://github.com/catap/nginx_http_ip_tos_filter_module">https://github.com/catap/nginx_http_ip_tos_filter_module</a>                                                       |

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| nimbusDS OAuth 2.0         | 4.4             | Apache 2.0     | <a href="https://connect2id.com/products/nimbus-oauth-openid-connect-sdk">https://connect2id.com/products/nimbus-oauth-openid-connect-sdk</a>                                                                                   |
| node-sass-package-importer | 5.2.0           | MIT            | <a href="https://github.com/maoberlehner/node-sass-magic-importer/tree/master/packages/node-sass-package-importer">https://github.com/maoberlehner/node-sass-magic-importer/tree/master/packages/node-sass-package-importer</a> |
| normalize.css              | 8.0.1           | MIT            | <a href="https://github.com/necolas/normalize.css">https://github.com/necolas/normalize.css</a>                                                                                                                                 |
| Nxlog                      | 2.5.1089        | GPL v2/LGPL v2 | <a href="http://nxlog-ce.sourceforge.net/">http://nxlog-ce.sourceforge.net/</a>                                                                                                                                                 |
| Objenesis                  | 2.1 & 2.5 & 2.6 | Apache 2.0     | <a href="https://github.com/easymock/objenesis">https://github.com/easymock/objenesis</a>                                                                                                                                       |
| OkHttp                     | 3.2.0           | Apache 2.0     | <a href="https://github.com/square/okhttp">https://github.com/square/okhttp</a>                                                                                                                                                 |
| OpenCV                     | 4.5.0           | BSD 3-clause   | <a href="https://github.com/opencv/opencv">https://github.com/opencv/opencv</a>                                                                                                                                                 |
| OpenCV                     | 4.5.0           | BSD 3-clause   | <a href="https://github.com/opencv/opencv">https://github.com/opencv/opencv</a>                                                                                                                                                 |
| opencv3                    | 3.0.0           | 3-clause BSD   | <a href="https://android.googlesource.com/platform/external/opencv3">https://android.googlesource.com/platform/external/opencv3</a>                                                                                             |
| opencv3/3rdparty/libjasper | 1.900.1-13      | BSD-like       | <a href="https://android.googlesource.com/platform/external/opencv3/+refs/heads/master/3rdparty/libjasper/">https://android.googlesource.com/platform/external/opencv3/+refs/heads/master/3rdparty/libjasper/</a>               |
| opencv3/3rdparty/libjpeg   | 9               | BSD-like       | <a href="https://android.googlesource.com/platform/external/opencv3/+refs/heads/master/3rdparty/libjpeg/">https://android.googlesource.com/platform/external/opencv3/+refs/heads/master/3rdparty/libjpeg/</a>                   |
| opencv3/3rdparty/libtiff   | 4.0.2           | BSD-like       | <a href="https://android.googlesource.com/platform/external/opencv3/+refs/heads/master/3rdparty/libtiff/">https://android.googlesource.com/platform/external/opencv3/+refs/heads/master/3rdparty/libtiff/</a>                   |
| opencv3/3rdparty/openexr   | 1.7.1           | BSD-like       | <a href="https://android.googlesource.com/platform/external/opencv3/+refs/heads/master/3rdparty/openexr/">https://android.googlesource.com/platform/external/opencv3/+refs/heads/master/3rdparty/openexr/</a>                   |
| opencv3/3rdparty/tbb       |                 | None           | <a href="https://android.googlesource.com/platform/external/opencv3/+refs/heads/master/3rdparty/tbb/">https://android.googlesource.com/platform/external/opencv3/+refs/heads/master/3rdparty/tbb/</a>                           |
| OpenLDAP                   | 2.4.47          | OpenLDAP       | <a href="http://www.openldap.org/software/release">http://www.openldap.org/software/release</a>                                                                                                                                 |
| Openntpd                   | 2009/06/11      | BSD            | <a href="http://www.openntpd.org/">http://www.openntpd.org/</a>                                                                                                                                                                 |
| OpenSSH                    | 7.1p1/7.5p1     | BSD            | <a href="https://github.com/openssh">https://github.com/openssh</a>                                                                                                                                                             |
| OpenSSL                    | 1.0.2p          | OpenSSL        | <a href="http://www.openssl.org/source/">http://www.openssl.org/source/</a>                                                                                                                                                     |
| orientdb-jdbc              | 2.2.31          | Apache 2.0     | <a href="https://github.com/orientechnologies/orientdb-jdbc">https://github.com/orientechnologies/orientdb-jdbc</a>                                                                                                             |
| paper-button               | 2.1.3           | BSD-3-CLAUSE   | <a href="https://www.webcomponents.org/element/@polymer/paper-button">https://www.webcomponents.org/element/@polymer/paper-button</a>                                                                                           |

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| paper-icon-button                 | 2.2.1          | BSD-3-<br>CLAUSE                 | <a href="https://www.webcomponents.org/element/@polymer/paper-icon-button">https://www.webcomponents.org/element/@polymer/paper-icon-button</a>     |
| paper-item                        | 2.1.1          | BSD-3-<br>CLAUSE                 | <a href="https://www.webcomponents.org/element/@polymer/paper-item">https://www.webcomponents.org/element/@polymer/paper-item</a>                   |
| paper-listbox                     | 2.1.1          | BSD-3-<br>CLAUSE                 | <a href="https://www.webcomponents.org/element/@polymer/paper-listbox">https://www.webcomponents.org/element/@polymer/paper-listbox</a>             |
| paper-menu-button                 | 2.1.1          | BSD-3-<br>CLAUSE                 | <a href="https://www.webcomponents.org/element/@polymer/paper-menu-button">https://www.webcomponents.org/element/@polymer/paper-menu-button</a>     |
| paper-spinner                     | 2.1.0          | BSD-3-<br>CLAUSE                 | <a href="https://www.webcomponents.org/element/@polymer/paper-spinner">https://www.webcomponents.org/element/@polymer/paper-spinner</a>             |
| paper-tabs                        | 2.1.1          | BSD-3-<br>CLAUSE                 | <a href="https://www.webcomponents.org/element/@polymer/paper-tabs">https://www.webcomponents.org/element/@polymer/paper-tabs</a>                   |
| paper-toggle-button               | 2.1.1          | BSD-3-<br>CLAUSE                 | <a href="https://www.webcomponents.org/element/@polymer/paper-toggle-button">https://www.webcomponents.org/element/@polymer/paper-toggle-button</a> |
| Parceler<br>(Transfuse)           | 1.1.10         | Apache 2.0                       | <a href="https://github.com/johncarl81/parceler">https://github.com/johncarl81/parceler</a>                                                         |
| pcap                              | 1.3.0          | BSD 3                            | <a href="https://www.tcpdump.org/#source">https://www.tcpdump.org/#source</a>                                                                       |
| pciutils                          | 3.6.2          | GPLv2                            | <a href="https://github.com/pciutils/pciutils">https://github.com/pciutils/pciutils</a>                                                             |
| PercepNet                         | 1.0.40941      | BSD-3-<br>CLAUSE                 | <a href="https://github.com/jzi040941/PercepNet/tree/main">https://github.com/jzi040941/PercepNet/tree/main</a>                                     |
| Posenet                           |                | Apache<br>License<br>Version 2.0 | <a href="https://github.com/google-coral/project-posenet">https://github.com/google-coral/project-posenet</a>                                       |
| primeicons                        | 1.0.0          | MIT                              | <a href="https://github.com/primefaces/primeicons">https://github.com/primefaces/primeicons</a>                                                     |
| primeicons                        | 2.0.0          | MIT                              | <a href="https://github.com/primefaces/primeicons">https://github.com/primefaces/primeicons</a>                                                     |
| primeng                           | 7.1.3          | MIT                              | <a href="https://github.com/primefaces/primeng">https://github.com/primefaces/primeng</a>                                                           |
| Procps                            | 3.2.7          | GPL v2                           | <a href="https://sourceforge.net/projects/procps/">https://sourceforge.net/projects/procps/</a>                                                     |
| promise-polyfill                  | 7.1.2          | MIT                              | <a href="https://github.com/taylorhakes/promise-polyfill">https://github.com/taylorhakes/promise-polyfill</a>                                       |
| protobuf                          | 2.2.0a         | Apache v2                        | <a href="https://github.com/protocolbuffers/protobuf">https://github.com/protocolbuffers/protobuf</a>                                               |
| Prototype Javascript<br>Framework | 1.6.1-1        | OFL                              | <a href="https://github.com/prototypejs/prototype">https://github.com/prototypejs/prototype</a>                                                     |
| ptp4l                             | 1.4            | GPLv2                            | <a href="http://linuxptp.sourceforge.net">http://linuxptp.sourceforge.net</a>                                                                       |
| RapidXML                          | 1.1            | MIT                              | <a href="https://github.com/dwd/rapidxml">https://github.com/dwd/rapidxml</a>                                                                       |

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| Reactive-Native-Webview-Crosswalk | 0.0.2          | MIT                                                 | <a href="https://www.npmjs.com/package/react-native-webview-crosswalk">https://www.npmjs.com/package/react-native-webview-crosswalk</a>                                                                                                                     |
| Reflect-Metadata                  | 0.1.9          | Apache v2                                           | <a href="https://github.com/rbuckton/reflect-metadata">https://github.com/rbuckton/reflect-metadata</a>                                                                                                                                                     |
| replace-in-file                   | 3.4.2          | MIT                                                 | <a href="https://github.com/angular/angular">https://github.com/angular/angular</a>                                                                                                                                                                         |
| restlet                           | 2.3.12         | Apache 2.0                                          | <a href="https://restlet.com/open-source/downloads/past/#branch=2.3&amp;release=2.3.12&amp;edition=android&amp;distribution=zip">https://restlet.com/open-source/downloads/past/#branch=2.3&amp;release=2.3.12&amp;edition=android&amp;distribution=zip</a> |
| Restlet Extension Jackson         | 2.3.12         | Apache 2.0                                          | <a href="https://mvnrepository.com/artifact/org.restlet.jee/org.restlet.ext.jackson/2.3.12">https://mvnrepository.com/artifact/org.restlet.jee/org.restlet.ext.jackson/2.3.12</a>                                                                           |
| RNNoise                           |                | BSD 3-clause                                        | <a href="https://github.com/xiph/rnnoise/">https://github.com/xiph/rnnoise/</a>                                                                                                                                                                             |
| RxAndroid                         | 1.2.1          | Apache 2.0                                          | <a href="https://github.com/ReactiveX/RxAndroid">https://github.com/ReactiveX/RxAndroid</a>                                                                                                                                                                 |
| RxJava                            | 1.2.7          | Apache 2.0                                          | <a href="https://github.com/ReactiveX/RxJava">https://github.com/ReactiveX/RxJava</a>                                                                                                                                                                       |
| rxjs                              | 6.5.3          | Apache-2.0                                          | <a href="https://github.com/reactivex/rxjs">https://github.com/reactivex/rxjs</a>                                                                                                                                                                           |
| RxKotlin                          | 1.0.0          | Apache 2.0                                          | <a href="https://github.com/ReactiveX/RxKotlin">https://github.com/ReactiveX/RxKotlin</a>                                                                                                                                                                   |
| RxRemote                          | 1.0.13         | Apache 2.0                                          | <a href="https://github.com/josesamuel/RxRemote">https://github.com/josesamuel/RxRemote</a>                                                                                                                                                                 |
| sambox                            | 1.0.0M3        | Apache 2.0                                          | <a href="https://github.com/torakiki/sambox">https://github.com/torakiki/sambox</a>                                                                                                                                                                         |
| Simpleson                         |                | MIT                                                 | <a href="https://github.com/gregjesl/simpleson">https://github.com/gregjesl/simpleson</a>                                                                                                                                                                   |
| SLF4J                             | 1.7.5          | MIT                                                 | <a href="https://www.slf4j.org/dist/">https://www.slf4j.org/dist/</a>                                                                                                                                                                                       |
| slf4j-simple                      | 1.7.5          | MIT                                                 | <a href="https://mvnrepository.com/artifact/org.slf4j/slf4j-simple/1.7.5">https://mvnrepository.com/artifact/org.slf4j/slf4j-simple/1.7.5</a>                                                                                                               |
| snmp4j                            | 2.0.6          | Apache 2.0                                          | <a href="https://www.snmp4j.org">https://www.snmp4j.org</a>                                                                                                                                                                                                 |
| SNMP4J Agent                      | 2.0.5          | Apache 2.0                                          | <a href="http://www.snmp4j.org/html/download.html">http://www.snmp4j.org/html/download.html</a>                                                                                                                                                             |
| SpongyCastle                      | 1.52.0         | The Legion of Bouncy Castle Inc. (fully permissive) | <a href="https://github.com/rtyley/spongycastle">https://github.com/rtyley/spongycastle</a>                                                                                                                                                                 |
| sqldroid                          | 1.0.3          | MIT                                                 | <a href="https://github.com/SQLDroid/SQLDroid">https://github.com/SQLDroid/SQLDroid</a>                                                                                                                                                                     |
| SquareUp Retrofit2                | 2.0.0          | Apache 2.0                                          | <a href="https://mvnrepository.com/artifact/com.squareup.retrofit2/retrofit/2.0.0">https://mvnrepository.com/artifact/com.squareup.retrofit2/retrofit/2.0.0</a>                                                                                             |
| squareup-okio                     | 1.6.0          | Apache 2.0                                          | <a href="https://github.com/square/okio">https://github.com/square/okio</a>                                                                                                                                                                                 |
| sscep                             | 0.6.1          | BSD 2-clause                                        | <a href="https://github.com/cernnanny/sscep">https://github.com/cernnanny/sscep</a>                                                                                                                                                                         |

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| StreamEx                               | 0.6.5          | Apache 2.0                 | <a href="https://github.com/amaembo/streamex">https://github.com/amaembo/streamex</a>                                                                                                                                                                                                                                                                                     |
| tensorflow                             | 2.3.0          | Apache License Version 2.0 | <a href="https://github.com/tensorflow/tensorflow">https://github.com/tensorflow/tensorflow</a>                                                                                                                                                                                                                                                                           |
| tensorflow                             | 2.3.0          | Apache License Version 2.0 | <a href="https://github.com/tensorflow/tensorflow">https://github.com/tensorflow/tensorflow</a>                                                                                                                                                                                                                                                                           |
| tensorflow/absl                        |                | Apache 2.0                 | <a href="https://github.com/abseil/abseil-cpp/archive/43ef2148c0936ebf7cb4be6b19927a9d9d145b8f.tar.gz">https://github.com/abseil/abseil-cpp/archive/43ef2148c0936ebf7cb4be6b19927a9d9d145b8f.tar.gz</a>                                                                                                                                                                   |
| tensorflow/eigen                       | 3.3.90         | MPL2 + BSD-like (multiple) | <a href="https://github.com/tensorflow/tensorflow/tree/master/third_party/eigen3">https://github.com/tensorflow/tensorflow/tree/master/third_party/eigen3</a> and <a href="https://bitbucket.org/eigen/eigen/get/49177915a14a.tar.gz">https://bitbucket.org/eigen/eigen/get/49177915a14a.tar.gz</a>                                                                       |
| tensorflow/farmhash                    | 1.1            | MIT                        | <a href="https://storage.googleapis.com/mirror.tensorflow.org/github.com/google/farmhash/archive/816a4ae622e964763ca0862d9dbd19324a1eaf45.tar.gz">https://storage.googleapis.com/mirror.tensorflow.org/github.com/google/farmhash/archive/816a4ae622e964763ca0862d9dbd19324a1eaf45.tar.gz</a>                                                                             |
| tensorflow/fft2d                       | Unspecified    | Free                       | <a href="https://github.com/tensorflow/tensorflow/tree/master/third_party/fft2d">https://github.com/tensorflow/tensorflow/tree/master/third_party/fft2d</a> and <a href="https://storage.googleapis.com/mirror.tensorflow.org/www.kurims.kyoto-u.ac.jp/~oura/fft2d.tgz">https://storage.googleapis.com/mirror.tensorflow.org/www.kurims.kyoto-u.ac.jp/~oura/fft2d.tgz</a> |
| tensorflow/flatbuffers                 | 1.11.0         | Apache 2.0                 | <a href="https://storage.googleapis.com/mirror.tensorflow.org/github.com/google/flatbuffers/archive/v1.11.0.tar.gz">https://storage.googleapis.com/mirror.tensorflow.org/github.com/google/flatbuffers/archive/v1.11.0.tar.gz</a>                                                                                                                                         |
| tensorflow/gemmlowp                    |                | Apache 2.0                 | <a href="https://storage.googleapis.com/mirror.tensorflow.org/github.com/google/gemmlowp/archive/12fed0cd7cfd9e169bf1925bc3a7a58725fdcc3.zip">https://storage.googleapis.com/mirror.tensorflow.org/github.com/google/gemmlowp/archive/12fed0cd7cfd9e169bf1925bc3a7a58725fdcc3.zip</a>                                                                                     |
| Timber (loggin util)                   | 4.1.2          | Apache 2.0                 | <a href="https://github.com/JakeWharton/timber">https://github.com/JakeWharton/timber</a>                                                                                                                                                                                                                                                                                 |
| timehop stickyheaders<br>Recycler view | 0.4.3          | Apache 2.0                 | <a href="https://github.com/timehop/sticky-headers-recyclerview">https://github.com/timehop/sticky-headers-recyclerview</a>                                                                                                                                                                                                                                               |
| Twilio-java-sdk                        | 3.4.5          | MIT                        | <a href="https://github.com/twilio/twilio-java">https://github.com/twilio/twilio-java</a>                                                                                                                                                                                                                                                                                 |
| typescript                             | 3.5.3          | Apache-2.0                 | <a href="https://github.com/Microsoft/TypeScript">https://github.com/Microsoft/TypeScript</a>                                                                                                                                                                                                                                                                             |
| typescript-collections                 | 1.3.2          | MIT                        | <a href="https://github.com/basarat/typescript-collections">https://github.com/basarat/typescript-collections</a>                                                                                                                                                                                                                                                         |
| uvcdynctrl                             |                | GPLv3                      | <a href="https://sourceforge.net/projects/libwebcam/">https://sourceforge.net/projects/libwebcam/</a>                                                                                                                                                                                                                                                                     |
| v4l-util                               |                | GPLv2                      | <a href="https://git.linuxtv.org/v4l-utils.git">https://git.linuxtv.org/v4l-utils.git</a>                                                                                                                                                                                                                                                                                 |
| web-animations-js                      | 2.3.2          | Apache-2.0                 | <a href="https://github.com/web-animations/web-animations-js">https://github.com/web-animations/web-animations-js</a>                                                                                                                                                                                                                                                     |

| <b>Software</b>        | <b>Version</b> | <b>License</b> | <b>Link</b>                                                                                                                                                                                                                                                       |
|------------------------|----------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| webjars bower jqgrid   | 4.8.2          | MIT            | <a href="https://mvnrepository.com/artifact/org.webjars.bower/jqgrid/4.8.2">https://mvnrepository.com/artifact/org.webjars.bower/jqgrid/4.8.2</a>                                                                                                                 |
| whatwg-fetch           | 2.0.3          | MIT            | <a href="https://github.com/github/fetch">https://github.com/github/fetch</a>                                                                                                                                                                                     |
| Will Frame             | 1.0            | Apache 2.0     | <a href="https://mvnrepository.com/artifact/com.will4it.wmframe/wmframe/1.0">https://mvnrepository.com/artifact/com.will4it.wmframe/wmframe/1.0</a>                                                                                                               |
| Xerial SQLite JDBC     | 3.7.2          | Apache 2.0     | <a href="https://github.com/xerial/sqlite-jdbc">https://github.com/xerial/sqlite-jdbc</a>                                                                                                                                                                         |
| yargs                  | 14.0.0         | MIT            | <a href="https://github.com/yargs/yargs">https://github.com/yargs/yargs</a>                                                                                                                                                                                       |
| zdump                  | 7.12           | public domain  | <a href="https://kernel.googlesource.com/pub/scm/utls/util-linux/util-linux/+6dbe3af945a63f025561abb83275cee9ff06c57b/time/zdump.c">https://kernel.googlesource.com/pub/scm/utls/util-linux/util-linux/+6dbe3af945a63f025561abb83275cee9ff06c57b/time/zdump.c</a> |
| zlib                   | 1.2.8          | BSD-like       | <a href="https://github.com/madler/zlib/blob/v1.2.8/zlib.h">https://github.com/madler/zlib/blob/v1.2.8/zlib.h</a>                                                                                                                                                 |
| zone.js                | 0.9.1          | MIT            | <a href="https://github.com/angular/zone.js">https://github.com/angular/zone.js</a>                                                                                                                                                                               |
| ZXing                  | 3.3.2          | Apache v2      | <a href="https://github.com/zxing/zxing">https://github.com/zxing/zxing</a>                                                                                                                                                                                       |
| ZXing                  | 3.4            | Apache 2.0     | <a href="https://github.com/zxing/zxing">https://github.com/zxing/zxing</a>                                                                                                                                                                                       |
| ZXing Android Embedded | 3.6.0          | Apache v2      | <a href="https://github.com/journeyapps/zxing-android-embedded">https://github.com/journeyapps/zxing-android-embedded</a>                                                                                                                                         |

## Poly Microphone IP Adapter

The following table contains license information for the open source software packages used in the Poly Microphone IP Adapter. The source code and the licenses for all the open-source software are available upon request.

### Poly Microphone IP Adapter

| <b>Software</b>        | <b>Version</b> | <b>License</b> | <b>Link</b>                                                                                                                                                         |
|------------------------|----------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Android                | 4.0.3          | Apache v2      | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                                 |
| Apache Commons Codec   | 1.9            | Apache v2      | <a href="http://mvnrepository.com/artifact/commons-codec/commons-codec/1.9">http://mvnrepository.com/artifact/commons-codec/commons-codec/1.9</a>                   |
| Apache Commons Lang    | 3.3.1          | Apache v2      | <a href="http://mvnrepository.com/artifact/org.apache.commons/commons-lang3/3.3.1">http://mvnrepository.com/artifact/org.apache.commons/commons-lang3/3.3.1</a>     |
| Apache Commons Logging | 1.1.1          | Apache v2      | <a href="http://mvnrepository.com/artifact/commons-logging/commons-logging/1.1.1">http://mvnrepository.com/artifact/commons-logging/commons-logging/1.1.1</a>       |
| Apache HttpClient      | 4.2            | Apache v2      | <a href="http://mvnrepository.com/artifact/org.apache.httpcomponents/httpclient/4.2">http://mvnrepository.com/artifact/org.apache.httpcomponents/httpclient/4.2</a> |

| <b>Software</b>     | <b>Version</b> | <b>License</b>   | <b>Link</b>                                                                                                                                             |
|---------------------|----------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| APR                 | 1.4.6          | Apache v2        | <a href="https://apr.apache.org/">https://apr.apache.org/</a>                                                                                           |
| Azure ADAL          | 0.1            | Apache v2        | <a href="http://mvnrepository.com/artifact/com.microsoft.azure/adal4j/1.1.2">http://mvnrepository.com/artifact/com.microsoft.azure/adal4j/1.1.2</a>     |
| Azure ADAL for Java | 1.1.2          | Apache v2        | <a href="https://github.com/AzureAD/azure-activedirectory-library-for-java">https://github.com/AzureAD/azure-activedirectory-library-for-java</a>       |
| Bionic              | 4.0            | BSD-like         | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                     |
| Boost               | 1.40.0         | BSD-like         | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                     |
| Bouncy Castle       | 1.46           | Bouncy Castle    | <a href="http://mvnrepository.com/artifact/org.bouncycastle/bcprov-jdk16/1.46">http://mvnrepository.com/artifact/org.bouncycastle/bcprov-jdk16/1.46</a> |
| Busybox             | 1.19.4         | GPL v2           | <a href="http://www.gnu.org/licenses/old-licenses/gpl-2.0.html">http://www.gnu.org/licenses/old-licenses/gpl-2.0.html</a>                               |
| bzip2               | 1.0.6          | BSD-like         | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                     |
| c-ares              | 1.3.2          | MIT              | <a href="http://www.opensource.org/licenses/mit-license.php">http://www.opensource.org/licenses/mit-license.php</a>                                     |
| Cisco TIP           | 1.3            | Apache v2        | <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a>                                                     |
| curl                | 7.30.0         | BSD-like         | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                     |
| Cyrus-SASL          | 2.1.22         | CMU              | <a href="http://cyrusimap.web.cmu.edu/mediawiki/index.php/Downloads">http://cyrusimap.web.cmu.edu/mediawiki/index.php/Downloads</a>                     |
| Dalvik VM           | 4.0            | Apache v2        | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                     |
| dbus                | 0.95           | AFL 2.1 / GPL v2 | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                     |
| dhcpcd              | 4.0.15         | BSD-like         | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                     |
| dnsmasq             | 2.51           | GPL v2           | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                     |
| Duktape             | 2.2.99         | MIT              | <a href="http://duktape.org/download.html">http://duktape.org/download.html</a>                                                                         |
| e2fsprogs           | 1.41.11        | GPL v2           | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                     |
| ethtool             | 3              | GPL v2           | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                     |
| expat               | 2.0.1          | Thai OSSC        | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                     |
| fdlibm              | 5.3            | BSD-like         | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                     |
| freerdp             | 1.1.0          | Apache v2        | <a href="https://github.com/FreeRDP/FreeRDP/blob/master/LICENSE">https://github.com/FreeRDP/FreeRDP/blob/master/LICENSE</a>                             |
| freetype            | 2.4.2          | BSD-like         | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                     |
| giflib              | 4.1            | BSD-like         | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                     |
| gjson               | 1.7.1          | Apache v2        | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                     |
| googleclient        | 4.0            | Apache v2        | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                     |

| <b>Software</b>              | <b>Version</b> | <b>License</b> | <b>Link</b>                                                                                                                                                       |
|------------------------------|----------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| gson                         | 2.3.1          | Apache v2      | <a href="http://mvnrepository.com/artifact/com.google.code.gson/gson/2.3.1">http://mvnrepository.com/artifact/com.google.code.gson/gson/2.3.1</a>                 |
| gson java                    | 2.2.4          | Apache v2      | <a href="http://mvnrepository.com/artifact/com.google.code.gson/gson/2.2.4">http://mvnrepository.com/artifact/com.google.code.gson/gson/2.2.4</a>                 |
| I2c-tools                    | 3.1.0          | GPL v2         | <a href="https://github.com/groeck/i2c-tools">https://github.com/groeck/i2c-tools</a>                                                                             |
| lconv                        | 1.13.1         | GPL v3         | <a href="http://www.gnu.org/software/libiconv/">http://www.gnu.org/software/libiconv/</a>                                                                         |
| iproute2                     | 100804         | GPL v2         | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                               |
| ipsec-tools                  | 0.7.3          | BSD-like       | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                               |
| iptables                     | 4.0            | GPL v2         | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                               |
| Jackson                      | 2.0.4          | Apache v2      | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                               |
| Jansson                      | 2.7            | MIT            | <a href="https://github.com/akheron/jansson/blob/2.7/LICENSE">https://github.com/akheron/jansson/blob/2.7/LICENSE</a>                                             |
| Java Concurrency In Practice | 1.0            | CDDL + GPL v2  | <a href="http://mvnrepository.com/artifact/net.jcip/jcip-annotations/1.0">http://mvnrepository.com/artifact/net.jcip/jcip-annotations/1.0</a>                     |
| JavaMail API                 | 1.4.7          | CDDL + GPL v2  | <a href="http://mvnrepository.com/artifact/javax.mail/mail/1.4.7">http://mvnrepository.com/artifact/javax.mail/mail/1.4.7</a>                                     |
| Java Servlet API             | 4.5            | CDDL + GPL v2  | <a href="http://mvnrepository.com/artifact/javax.servlet/javax.servlet-api/3.0.1">http://mvnrepository.com/artifact/javax.servlet/javax.servlet-api/3.0.1</a>     |
| Java WebSocket               | 1.3.0          | MIT            | <a href="http://mvnrepository.com/artifact/org.java-websocket/Java-WebSocket/1.3.0">http://mvnrepository.com/artifact/org.java-websocket/Java-WebSocket/1.3.0</a> |
| jcifs                        | 1.3.17         | LGPL V2.1      | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                               |
| jfast                        | 0.92           | Dragan         | <a href="#">See source code.</a>                                                                                                                                  |
| jpeg                         | 6b             | IJG            | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                               |
| JSON in Java                 | 20140107       | BSD-like       | <a href="http://mvnrepository.com/artifact/org.json/json/20140107">http://mvnrepository.com/artifact/org.json/json/20140107</a>                                   |
| JSON Small And Fast Parser   | 1.1.1          | CDDL + GPL v2  | <a href="http://mvnrepository.com/artifact/net.minidev/json-smart/1.1.1">http://mvnrepository.com/artifact/net.minidev/json-smart/1.1.1</a>                       |
| jsonrpc                      | 1.21.1         | Apache v2      | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                               |
| libffi                       | 3.0.6          | BSD-like       | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                               |
| libpcap                      | 0.9            | BSD-like       | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                               |
| libpng                       | 1.2.6          | BSD-like       | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                               |
| libusb                       | 1.0.8          | LGPL v2.1      | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                               |
| libxml2                      | 4.0            | MIT            | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                               |

| <b>Software</b>                         | <b>Version</b> | <b>License</b>                          | <b>Link</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------|----------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| libwebsockets                           | 2.0.2          | LGPL- v2.1<br>with<br>modification<br>s | <a href="https://github.com/warmcat/libwebsockets">https://github.com/warmcat/libwebsockets</a>                                                                                                                                                                                                                                                                                                                                                             |
| Lighttpd                                | 1.4.37         | Kneschke                                | <a href="http://www.lighttpd.net/download/COPYING">http://www.lighttpd.net/download/COPYING</a>                                                                                                                                                                                                                                                                                                                                                             |
| Linux                                   | 2.6.37         | GPL v2                                  | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                                                                                                                                                                                                                                                                                                                         |
| Linux-pam                               | 0.81           | GPL v3                                  | <a href="http://www.linux-pam.org/">http://www.linux-pam.org/</a>                                                                                                                                                                                                                                                                                                                                                                                           |
| Linx                                    | 2.5.1          | GPL v2                                  | <a href="http://linx.sourceforge.net">http://linx.sourceforge.net</a>                                                                                                                                                                                                                                                                                                                                                                                       |
| mod_websocket                           | 2.5            | BSD-like                                | <a href="https://github.com/nori0428/mod_websocket">https://github.com/nori0428/mod_websocket</a>                                                                                                                                                                                                                                                                                                                                                           |
| mtpd                                    | 4.0            | Apache v2                               | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                                                                                                                                                                                                                                                                                                                         |
| mtwist                                  | 0.7            | LGPL V2.1                               | <a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1.html">http://www.gnu.org/licenses/old-licenses/lgpl-2.1.html</a>                                                                                                                                                                                                                                                                                                                                 |
| Ncurses                                 | 5.4            | GPL v2                                  | <a href="https://github.com/gittup/ncurses">https://github.com/gittup/ncurses</a>                                                                                                                                                                                                                                                                                                                                                                           |
| Nimbus JOSE+JWT                         | 3.1.2          | Apache v2                               | <a href="http://mvnrepository.com/artifact/com.nimbusds/nimbus-jose-jwt/3.1.2">http://mvnrepository.com/artifact/com.nimbusds/nimbus-jose-jwt/3.1.2</a><br><a href="https://bitbucket.org/connect2id/nimbus-jose-jwt/downloads">https://bitbucket.org/connect2id/nimbus-jose-jwt/downloads</a><br><a href="https://bitbucket.org/connect2id/nimbus-jose-jwt/branch/release-3-1-2">https://bitbucket.org/connect2id/nimbus-jose-jwt/branch/release-3-1-2</a> |
| Nimbus LangTag                          | 1.2            | Apache v2                               | <a href="http://mvnrepository.com/artifact/com.nimbusds/lang-tag/1.2">http://mvnrepository.com/artifact/com.nimbusds/lang-tag/1.2</a>                                                                                                                                                                                                                                                                                                                       |
| nxlog-ce                                | 2.5.1089       | GPL v2 /<br>LGPL v2                     | <a href="http://nxlog-ce.sourceforge.net/">http://nxlog-ce.sourceforge.net/</a>                                                                                                                                                                                                                                                                                                                                                                             |
| OAuth 2.0 SDK<br>With OpenID<br>Connect | 4.5            | Apache v2                               | <a href="http://mvnrepository.com/artifact/com.nimbusds/oaut">http://mvnrepository.com/artifact/com.nimbusds/oaut</a>                                                                                                                                                                                                                                                                                                                                       |
| Extensions                              | 4.5            | Apache v2                               | <a href="https://bitbucket.org/connect2id/nimbus-jose-jwt/downloads">h2-oidc-sdk/4.5</a>                                                                                                                                                                                                                                                                                                                                                                    |
| OpenCore                                | 4.0            | Apache v2                               | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                                                                                                                                                                                                                                                                                                                         |
| OpenCV                                  | 2              | BSD-like                                | <a href="http://www.opensource.org/licenses/bsd-license.php">http://www.opensource.org/licenses/bsd-license.php</a>                                                                                                                                                                                                                                                                                                                                         |
| OpenLDAP                                | 2.3.38         | OpenLDAP                                | <a href="http://www.openldap.org/software/release/license.html">http://www.openldap.org/software/release/license.html</a>                                                                                                                                                                                                                                                                                                                                   |
| Openntpd                                | 1.1            | OpenBSD                                 | <a href="http://www.openntpd.org/">http://www.openntpd.org/</a>                                                                                                                                                                                                                                                                                                                                                                                             |
| OpenSSH                                 | 6.0            | OpenSSH                                 | <a href="http://www.openssh.com/">http://www.openssh.com/</a>                                                                                                                                                                                                                                                                                                                                                                                               |
| OpenSSL                                 | 1.0.2j-fips    | OpenSSL                                 | <a href="https://github.com/certnanny/sscep/blob/master/COPYRIGHT">https://github.com/certnanny/sscep/blob/master/COPYRIGHT</a>                                                                                                                                                                                                                                                                                                                             |
| Oprofile                                | 0.9.1          | GPL v2                                  | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                                                                                                                                                                                                                                                                                                                         |
| PCRE                                    | 10.31          | BSD-like                                | <a href="http://www.gnu.org/licenses/old-licenses/gpl-2.0.html">http://www.gnu.org/licenses/old-licenses/gpl-2.0.html</a>                                                                                                                                                                                                                                                                                                                                   |
| ping                                    | 4.0            | BSD-like                                | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                                                                                                                                                                                                                                                                                                                         |

| <b>Software</b>      | <b>Version</b> | <b>License</b>     | <b>Link</b>                                                                                                                                                         |
|----------------------|----------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Popt                 | 1.7            | Red Hat            | <a href="https://github.com/azat-archive/popt">https://github.com/azat-archive/popt</a>                                                                             |
| PPP                  | 4.0            | BSD-like           | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                                 |
| Procps               | 3.2.7          | GPL v2             | <a href="https://gitlab.com/procps-ng/procps">https://gitlab.com/procps-ng/procps</a>                                                                               |
| protobuf             | 2.2.0a         | Apache v2          | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                                 |
| restlet              | 2.1            | Apache v2          | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                                 |
| Safe-IOP             | 4.0            | BSD-like           | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                                 |
| sh                   | 2.3            | BSD-like           | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                                 |
| simple-xml           | 2.7            | Apache v2          | <a href="http://simple.sourceforge.net/">http://simple.sourceforge.net/</a>                                                                                         |
| Skia                 | 4.0            | Apache v2          | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                                 |
| SLF4J API module     | 1.7.5          | Apache v2          | <a href="http://mvnrepository.com/artifact/org.slf4j/slf4j-api/1.7.5">http://mvnrepository.com/artifact/org.slf4j/slf4j-api/1.7.5</a>                               |
| SLF4J Simple Binding | 1.7.5          | Apache v2          | <a href="http://mvnrepository.com/artifact/org.slf4j/slf4j-simple/1.7.5">http://mvnrepository.com/artifact/org.slf4j/slf4j-simple/1.7.5</a>                         |
| SNMP4J               | 2.1.0          | Apache v2          | <a href="http://www.snmp4j.org/">http://www.snmp4j.org/</a>                                                                                                         |
| socket-io-client     | 0.4.2          | MIT                | <a href="http://mvnrepository.com/artifact/com.github.nkzawa/socket.io-client/0.4.2">http://mvnrepository.com/artifact/com.github.nkzawa/socket.io-client/0.4.2</a> |
| Sonivox              | 4.0            | Apache v2          | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                                 |
| SPEEX                | 1.2rc1         | BSD-like           | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                                 |
| sqldroid             | 0.2            | Eclipse v1.0       | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                                 |
| SQLite               | 3.7.4          | public domain      | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                                 |
| srec                 | 4.0            | Apache v2          | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                                 |
| sscep                | 0.6.1          | Jarkko Turkulainen | <a href="https://github.com/cernanny/sscep/blob/master/COPYRIGHT">https://github.com/cernanny/sscep/blob/master/COPYRIGHT</a>                                       |
| strace               | 4.0            | BSD-like           | <a href="http://www.opensource.org/licenses/bsd-license.php">http://www.opensource.org/licenses/bsd-license.php</a>                                                 |
| SSLeay               | Unknown        | SSLeay             | <a href="https://github.com/cernanny/sscep/blob/master/COPYRIGHT">https://github.com/cernanny/sscep/blob/master/COPYRIGHT</a>                                       |
| svox                 | 4.0            | Apache v2          | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                                 |
| tagsoup              | 1.2            | Apache v2          | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                                 |
| tcpdump              | 3.9.8          | BSD-like           | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                                 |
| TI SGX SDK           | 4.03.01.00     | TI                 | <a href="http://gitorious.org/rowboat/hardware-ti-sgx">http://gitorious.org/rowboat/hardware-ti-sgx</a>                                                             |
| tinyalsa             | 4.0            | Apache v2          | <a href="http://source.android.com/">http://source.android.com/</a>                                                                                                 |

| <b>Software</b> | <b>Version</b> | <b>License</b>      | <b>Link</b>                                                                                 |
|-----------------|----------------|---------------------|---------------------------------------------------------------------------------------------|
| tinymce         | 1.0.1          | BSD-like            | <a href="http://source.android.com/">http://source.android.com/</a>                         |
| tremolo         | 0.07           | BSD-like            | <a href="http://source.android.com/">http://source.android.com/</a>                         |
| Two-Way View    | 0.1.3          | Apache v2           | <a href="https://github.com/lucasr/twoway-view/">https://github.com/lucasr/twoway-view/</a> |
| U-Boot          | 1.0-custom     | GPL V2              | <a href="https://github.com/u-boot/u-boot">https://github.com/u-boot/u-boot</a>             |
| v8              | 4.0            | BSD-like            | <a href="http://source.android.com/">http://source.android.com/</a>                         |
| webkit          | 4.0            | BSD-like,<br>GPL v2 | <a href="http://source.android.com/">http://source.android.com/</a>                         |
| WPA Supplicant  | 0.5.11         | BSD-like,<br>GPL v2 | <a href="http://source.android.com/">http://source.android.com/</a>                         |
| xmlwriter       | 4.0            | BSD-like            | <a href="http://source.android.com/">http://source.android.com/</a>                         |
| yaffs2          | 4.0            | GPL v2              | <a href="http://source.android.com/">http://source.android.com/</a>                         |
| zlib            | 1.2.5          | BSD-like            | <a href="http://source.android.com/">http://source.android.com/</a>                         |

## Poly IP Table Microphone and Poly IP Ceiling Microphone

The following table contains license information for the open source software packages used in the Poly IP Table Microphone and Poly IP Ceiling Microphone. The source code and the licenses for all the open-source software are available upon request.

### Poly IP Table Microphone and Poly IP Ceiling Microphone

| <b>Software</b> | <b>Version</b> | <b>License</b>                   | <b>Link</b>                                                                                                           |
|-----------------|----------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| alsa-lib        | 1.0.25         | LGPL v2.1                        | <a href="http://www.alsa-project.org/main/index.php/Download">http://www.alsa-project.org/main/index.php/Download</a> |
| alsa-utils      | 1.0.25         | GPLv2                            | <a href="http://www.alsa-project.org/main/index.php/Download">http://www.alsa-project.org/main/index.php/Download</a> |
| bluez           | 4.48           | GPL v2                           | <a href="http://www.bluez.org/download/">http://www.bluez.org/download/</a>                                           |
| boost           | 1.39.0         | Boost Software<br>License - v1.0 | <a href="https://www.boost.org">https://www.boost.org</a>                                                             |
| busybox         | 1.11.1         | GPL v2                           | <a href="http://www.busybox.net/downloads">http://www.busybox.net/downloads</a>                                       |
| bzip2           | 1.0.6          | Julian R Steward                 | <a href="http://www.bzip.org/downloads.html">http://www.bzip.org/downloads.html</a>                                   |
| c-ares          | 1.7.4          | MIT                              | <a href="http://c-ares.haxx.se/">http://c-ares.haxx.se/</a>                                                           |
| dhcp            | 4.1-<br>ESV-R3 | ISC                              | <a href="http://www.isc.org/index.pl?sw/dhcp/">http://www.isc.org/index.pl?sw/dhcp/</a>                               |
| DirectFB        | 1.6.3          | LGPL v 2.1                       | <a href="https://github.com/DirectFB/directfb">https://github.com/DirectFB/directfb</a>                               |

| <b>Software</b>   | <b>Version</b>  | <b>License</b>                   | <b>Link</b>                                                                                                                                         |
|-------------------|-----------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| dropbear          | 2017.75         | Permissive free software license | <a href="http://www.windriver.com/products/linux/">http://www.windriver.com/products/linux/</a>                                                     |
| eXpat             | 2.0.1           | MIT                              | <a href="http://sourceforge.net/projects/expat/">http://sourceforge.net/projects/expat/</a>                                                         |
| fbset             | 2.1             | GPLv2                            | <a href="https://github.com/guillemj/debian-pkg-fbset/tree/master/debian">https://github.com/guillemj/debian-pkg-fbset/tree/master/debian</a>       |
| freetype          | 2.4.2           | BSD - LIKE                       | <a href="http://freetype.sourceforge.net">http://freetype.sourceforge.net</a>                                                                       |
| iputils           | s20101006       | BSD                              | <a href="https://github.com/iputils/iputils">https://github.com/iputils/iputils</a>                                                                 |
| json              | 0.9             | Comparable to public domain      | <a href="http://www.json.org/">http://www.json.org/</a>                                                                                             |
| libCURL           | 7.54.1 & 7.19.2 | MIT                              | <a href="http://curl.haxx.se/download.html">http://curl.haxx.se/download.html</a>                                                                   |
| libjansson        | 2.10            | MIT                              | <a href="https://github.com/akheron/jansson/tree/2.10">https://github.com/akheron/jansson/tree/2.10</a>                                             |
| libMng            | 1.0.9           | libmng                           | <a href="http://www.libmng.com/">http://www.libmng.com/</a>                                                                                         |
| libomxil-bellagio | 0.9.3           | LPGLv2.1                         | <a href="https://launchpad.net/ubuntu/+source/libomxil-bellagio">https://launchpad.net/ubuntu/+source/libomxil-bellagio</a>                         |
| libPCAP           | 1.1.1           | BSD-like                         | <a href="http://www.tcpdump.org/">http://www.tcpdump.org/</a>                                                                                       |
| libPng            | 1.2.24          | LibPNG                           | <a href="http://liboil.freedesktop.org/download">http://liboil.freedesktop.org/download</a>                                                         |
| libsoup           | 2.34.1          | LGPLv2.1                         | <a href="https://github.com/GNOME/libsoup">https://github.com/GNOME/libsoup</a>                                                                     |
| libSRTP           | 1.3.20          | BSD                              | <a href="https://github.com/cisco/libsrtp">https://github.com/cisco/libsrtp</a>                                                                     |
| libssh2           | 1.5.0           | libssh2                          | <a href="http://www.libssh2.org/">http://www.libssh2.org/</a>                                                                                       |
| libxml2           | 2.7.8           | MIT                              | <a href="https://gitlab.gnome.org/GNOME/libxml2/">https://gitlab.gnome.org/GNOME/libxml2/</a>                                                       |
| libusb            | 0.1.12          | LGPLv2.1                         | <a href="https://github.com/libusb/libusb">https://github.com/libusb/libusb</a>                                                                     |
| LinuxKernel       | 3.10.77         | GPLv2                            | <a href="https://wiki.ubuntu.com/Kernel/Dev/KernelGitGuide">https://wiki.ubuntu.com/Kernel/Dev/KernelGitGuide</a>                                   |
| libwebsockets     | 2.3.0           | LGPL                             | <a href="https://github.com/warmcat/libwebsockets">https://github.com/warmcat/libwebsockets</a>                                                     |
| ltrace            | 0.5.1           | GPLv2                            | <a href="https://github.com/ice799/ltrace">https://github.com/ice799/ltrace</a>                                                                     |
| module-init-tools | 3.11.1          | GPLv2                            | <a href="http://ftp.be.debian.org/pub/linux/utils/kernel/module-init-tools/">http://ftp.be.debian.org/pub/linux/utils/kernel/module-init-tools/</a> |
| mtd-utils         | 1.4.4           | GPLv2                            | <a href="https://launchpad.net/ubuntu/+source/mtd-utils/1:1.4.4-1">https://launchpad.net/ubuntu/+source/mtd-utils/1:1.4.4-1</a>                     |
| ncurses           | 5.7             | MIT                              | <a href="https://github.com/gittup/ncurses">https://github.com/gittup/ncurses</a>                                                                   |

| <b>Software</b> | <b>Version</b> | <b>License</b>                     | <b>Link</b>                                                                                                                                                                                                                                                         |
|-----------------|----------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| OpenLDAP        | 2.3.32         | OpenLDAP                           | <a href="http://www.openldap.org/software/">http://www.openldap.org/software/</a>                                                                                                                                                                                   |
| OpenSSH         | 5.0p1          | BSD                                | <a href="https://www.openssh.com/">https://www.openssh.com/</a>                                                                                                                                                                                                     |
| OpenSSL         | 1.0.2j         | BSD Style                          | <a href="http://www.openssl.org/">http://www.openssl.org/</a>                                                                                                                                                                                                       |
| Opus            | 1.1            | BSD                                | <a href="http://www.opus-codec.org/license/">http://www.opus-codec.org/license/</a>                                                                                                                                                                                 |
| orc             | 0.4.18         | Custom                             | <a href="http://code.entropywave.com/download/orc/orc-0.4.18.tar.gz">http://code.entropywave.com/download/orc/orc-0.4.18.tar.gz</a>                                                                                                                                 |
| pmap            | 29092002       | BSD-like                           | <a href="http://web.hexapodia.org/~adi/pmap.c">http://web.hexapodia.org/~adi/pmap.c</a>                                                                                                                                                                             |
| procps          | 3.2.8          | GPL v2+ and LGPL v2+               | <a href="https://gitlab.com/procps-ng/procps">https://gitlab.com/procps-ng/procps</a>                                                                                                                                                                               |
| RapidXML        | 1.1            | MIT                                | <a href="http://rapidxml.sourceforge.net/license.txt">http://rapidxml.sourceforge.net/license.txt</a>                                                                                                                                                               |
| SSCEP           | 0.6.1          | SSCEP                              | <a href="https://github.com/cernanny/sscep/">https://github.com/cernanny/sscep/</a>                                                                                                                                                                                 |
| SQLite          | 3070500        | Public Domain                      | <a href="http://www.sqlite.org/download.html">http://www.sqlite.org/download.html</a>                                                                                                                                                                               |
| SILK            | 1.0.9          | Unrestricted freeware              | <a href="https://github.com/collects/silk">https://github.com/collects/silk</a> <a href="https://www.skype.com/en/legal/developer-tou/silk-license/">https://www.skype.com/en/legal/developer-tou/silk-license/</a>                                                 |
| strace          | 4.6            | BSD                                | <a href="http://sourceforge.net/projects/strace/">http://sourceforge.net/projects/strace/</a>                                                                                                                                                                       |
| tar             | 1.15.1         | GPL v2                             | <a href="http://tukaani.org/xz/">http://tukaani.org/xz/</a>                                                                                                                                                                                                         |
| tsattach        | 1.0.0          | GPI v2                             | <a href="http://ftp.kernel.org/pub/linux/kernel/people/dtor/">http://ftp.kernel.org/pub/linux/kernel/people/dtor/</a>                                                                                                                                               |
| tslib           | 1.0.0          | LGPL v2.1                          | <a href="https://packages.ubuntu.com/source/trusty/tslib">https://packages.ubuntu.com/source/trusty/tslib</a>                                                                                                                                                       |
| u-boot          | 2015.06        | GPL v2                             | <a href="https://launchpad.net/ubuntu/+source/u-boot">https://launchpad.net/ubuntu/+source/u-boot</a>                                                                                                                                                               |
| Webkit          | 2.2.0          | LGPL                               | <a href="http://webkit.org/">http://webkit.org/</a>                                                                                                                                                                                                                 |
| wpa_supplicant  | 0.5.11         | BSD                                | <a href="http://hostap.epitest.fi/wpa_supplicant/">http://hostap.epitest.fi/wpa_supplicant/</a>                                                                                                                                                                     |
| xz              | 5.0.5          | Public Domain                      | <a href="http://www.gnu.org/software/tar/tar.html">http://www.gnu.org/software/tar/tar.html</a>                                                                                                                                                                     |
| zdump           | 1.0.0          | Public Domain                      | <a href="https://kernel.googlesource.com/pub/scm/utlis/util-linux/util-linux/+6dbe3af945a63f025561abb83275cee9ff06c57b/time/zdump.c">https://kernel.googlesource.com/pub/scm/utlis/util-linux/util-linux/+6dbe3af945a63f025561abb83275cee9ff06c57b/time/zdump.c</a> |
| zlib            | 1.2.5          | ZLIB                               | <a href="http://zlib.net/">http://zlib.net/</a>                                                                                                                                                                                                                     |
| Open SSL - FIPS | 2.0.13         | OPENSSL License and SSLeay license | <a href="https://www.openssl.org/source/">https://www.openssl.org/source/</a>                                                                                                                                                                                       |
| PCRE2           | 10.22          | BSD                                | <a href="http://www.pcre.org/">http://www.pcre.org/</a>                                                                                                                                                                                                             |

| <b>Software</b>       | <b>Version</b> | <b>License</b>                     | <b>Link</b>                                                                                                                                                                                                             |
|-----------------------|----------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LibPac                | -              | Apache License, Version 2.0        | <a href="https://github.com/ldx/libpac">https://github.com/ldx/libpac</a>                                                                                                                                               |
| obexd                 | 0.42           | GNU GPL V2                         | <a href="http://www.bluez.org/obexd-042/">http://www.bluez.org/obexd-042/</a>                                                                                                                                           |
| libical               | 0.48           | GNU LGPL v2.1                      | <a href="http://archive.linuxfromscratch.org/blfs-museum/snapshot-20121101/blfs-20121102/general/libical.html">http://archive.linuxfromscratch.org/blfs-museum/snapshot-20121101/blfs-20121102/general/libical.html</a> |
| DukTape               | 1.5.0          | MIT License                        | <a href="http://duktape.org/">http://duktape.org/</a>                                                                                                                                                                   |
| avahi-iputils v0.6.30 | 0.6.30         | Lesser General Public License V2.1 | <a href="http://www.avahi.org/">http://www.avahi.org/</a>                                                                                                                                                               |
| Libdaemon-0.14        | 0.14           | LGPLv2.1                           | <a href="http://0pointer.de/lennart/projects/libdaemon/">http://0pointer.de/lennart/projects/libdaemon/</a>                                                                                                             |
| linuxptp/ptp4l        | 1.4            | GPLv2                              | <a href="http://linuxptp.sourceforge.net">http://linuxptp.sourceforge.net</a>                                                                                                                                           |
| libwebsockets         | 1.6.0          | LGPL2.1-SLE                        | <a href="https://libwebsockets.org">https://libwebsockets.org</a>                                                                                                                                                       |

## Get Help

For more information about installing, configuring, and administering Poly/Polycom products or services, go to [Poly Support](#).

## Related Poly and Partner Resources

See the following sites for information related to this product.

- [Poly Support](#) is the entry point to online product, service, and solution support information. Find product-specific information such as Knowledge Base articles, Support Videos, Guide & Manuals, and Software Releases on the Products page, download software for desktop and mobile platforms from Downloads & Apps, and access additional services.
- The [Poly Documentation Library](#) provides support documentation for active products, services, and solutions. The documentation displays in responsive HTML5 format so that you can easily access and view installation, configuration, or administration content from any online device.
- The [Poly Community](#) provides access to the latest developer and support information. Create an account to access Poly support personnel and participate in developer and support forums. You can find the latest information on hardware, software, and partner solutions topics, share ideas, and solve problems with your colleagues.
- The [Poly Partner Network](#) is a program where resellers, distributors, solutions providers, and unified communications providers deliver high-value business solutions that meet critical customer needs, making it easy for you to communicate face-to-face using the applications and devices you use every day.
- [Poly Services](#) help your business succeed and get the most out of your investment through the benefits of collaboration. Enhance collaboration for your employees by accessing Poly service solutions, including Support Services, Managed Services, Professional Services, and Training Services.

- With [Poly+](#) you get exclusive premium features, insights and management tools necessary to keep employee devices up, running, and ready for action.
- [Poly Lens](#) enables better collaboration for every user in every workspace. It is designed to spotlight the health and efficiency of your spaces and devices by providing actionable insights and simplifying device management.

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