

1D BARCODES, 2D BARCODES

SocketScan S320

QR Code Payment Reader

Countertop Reader | **Hands-Free Scanning** | **Scans on Screen**

The SocketScan S320 is a countertop QR code payment reader designed to facilitate consumer-presented QR code operations.



With a primary focus on QR code payments, the S320 provides a reliable and efficient solution for consumers to complete transactions by simply presenting their mobile wallet. With its portable countertop design, the S320 easily fits into any retail environment, offering seamless integration for businesses looking to adopt QR code payment systems. Whether connected to a power source or operating on battery, the S320 effectively reads QR payment codes from paper, labels, and mobile wallets, ensuring quick and effortless customer transactions. Equipped with user-friendly LED indicators, the S320 provides intuitive visual and audio feedback on battery levels, Bluetooth connectivity, and scanning status, allowing users to maintain optimal operation without interruption.

In addition to QR code payments, the S320 supports various other applications, such as age verification, access control or ticket acceptance for secure environments, and loyalty and couponing programs. Using Bluetooth LE connectivity, it rapidly captures both 1D and 2D omnidirectional barcodes such as QR Codes, PDF417, and Data Matrix. Its advanced technology is matched by a convenient, user-friendly design—effortlessly handling a broad spectrum of scanning tasks even in fully mobile, wireless settings.

The S320 is available in two options:

- Mobile version – Can be easily moved between locations
- Secure Pad version – Mounts to a flat surface with strong adhesive, which keeps the device securely in place

Available in the following bundles

- **S320 + SM Link** – Connect in seconds with a simple scan-to-connect USB dongle that helps simplify setup across devices and workstations.

Features

- **Versatile Reading:** Reads Apple Wallet® & Google Wallet Passes (HF tags, labels, smart devices).
- **Rapid Scanning:** Fast 1D/2D scanning for both printed and on-screen barcodes, featuring omnidirectional capability for intuitive, rapid scanning.
- **Exceptional Form Factor:** Small, sturdy, and fits in areas with limited counter or table space.
- **Long-Lasting Battery:** Scanner features rechargeable and field-replaceable battery that lasts a full shift.
- **Intuitive User Indicators:** [LED lights](#) that indicate successful data read/write and battery charging status.
- **Easy Updates:** Firmware can be updated over Bluetooth using an iOS or Android app.
- **Easy App Integration:** Socket Mobile's CaptureSDK (version 2.0.29 or higher) enables easy integration in your applications to improve business productivity with fast, efficient, and reliable data transfer over Bluetooth wireless technology. Data reader works out of the box for apps that have already integrated CaptureSDK, with support for Bluetooth LE devices.
- **Developer Support:** Our support team is available to assist with set-up and operation.
- **Bluetooth LE Support:** Enables dependable, low-power wireless connectivity for extended battery life and fast pairing through Bluetooth Low Energy.
- **Audible Feedback:** Multiple [feedback tones](#) to indicate successful data read/write and other important action confirmations.
- **1-Year Warranty Included:** [Extended warranty](#) options also available.
- **Designed and Assembled in the USA:** Socket mobile data readers are built at our headquarters in Fremont, CA.
- **Hands-Free Scanning:** Automatically scans barcodes when set to Auto (Presentation) Mode and positioned in a dock or stand.

Packaging

- Data Reader
- [USB-C to USB-C Charging Cable](#)
- Insert

Common Uses

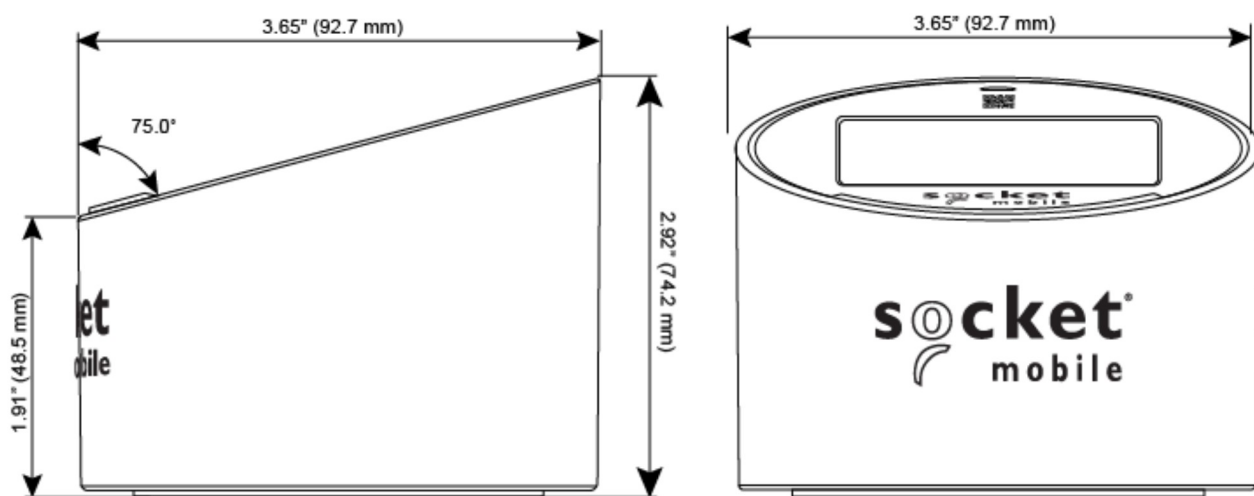
- [Retail Solutions](#)
- [Travel & Hospitality Solutions](#)

- mDL Solutions
- Transportation & Logistics Solutions

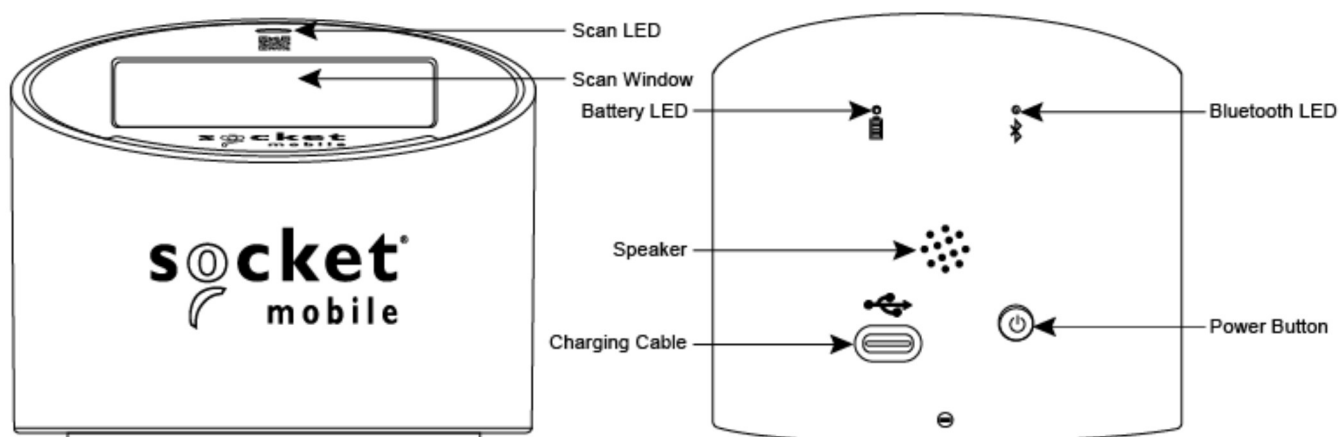
User Environments

Operating Temperature	0° to 45° C (32° to 113° F)
Storage Temperature	-40° to 70° C (-40° to 158° F)
Relative Humidity	95% at 60° C (140° F) (non-condensing)

Dimensions



External Control



Operating Systems



Reading Performance

Default Barcode Symbologies	• 1D Symbologies: Bookland Ean, Codabar, Code 128, Code 39, Code 93, Ean Jan 13, Ean Jan 8, Upc A, Upc E • 2D Symbologies: Data Matrix, Micropdf417, Micro Qr, Pdf417, Qr Learn how to enable and disable data types.
Supported Barcode Symbologies	• 1D Symbologies: Chinese 2 5, Code 11, Gs1 Databar Expanded, Gs1 Databar Limited, Gs1 Databar Omnidirectional, Industrial 2 5, Interleaved 2 5, Matrix 2 5, Msi • 2D Symbologies: Aztec, Han Xin, Maxicode Learn how to enable and disable data types.

Battery Information

Battery Type	1 rechargeable Lithium Ion Cell (replaceable battery)
Charge Time	4 Hours
Life of battery	300 charge-discharge cycles
Life per full charge	Standby time: 25 hours Active Scan Time: 10,000 scans within 11 hours (based on one scan every 4 seconds) <i>Note: Battery life varies depending on ambient temperature, ambient light, and the age of the battery.</i>
Battery weight	39g
Percentage lithium	37%
mAh	1800
Cells per battery	1
Watts per battery	3.7
Cell type	NP-120
Chemical composition	Lithium - polymer

Lithium content 23.70%

Voltage 3.7v

Hazmat UN Number UN3481, P.I. 967

ROHS Compliance Yes, included with data reader

Country of origin China

Commodity code 8507.60.0000

Bluetooth Information

Bluetooth Radio Bluetooth LE

Bluetooth Range Up to 10 meters (33 ft.), depending on the environment. The range limit is usually due to the Host Device (phone, tablet, or notebook).

Bluetooth Profiles • **Application Mode** - requires a compatible app with Socket Mobile CaptureSDK

Certification & Regulatory

Bluetooth SIG:

- Declaration ID: D062938

Electrical Safety:

- FCC ID: LUBS320
- IC: 2529A-S320

Contains Transmitter Module:

- FCC ID: QOQ-GM240P
- IC: 5123A-GM240P

Environmental:

- RoHS EN 50581

EMI / RFI:

- FCC Part 15 Class C, RSS 210, iCES 003, CISPR 22, CE EN55022, EN55024
- Telec ID: R 020-230035
- EC Registered Design Nos. 015043935-0001 – 015043935-0004
- UK registered design Nos. 6332177 - 6332181





Product SKUs

- **CX4238-3326** - S320 (Black), With, Not included (data reader only)
- **CX4873-4200** - S320 (Black), With, SM Link included
- **CX4239-3327** - S320 (White), With, Not included (data reader only)
- **CX4874-4201** - S320 (White), With, SM Link included

- **CX4234-3321** - S320 (Black), Without, Not included (data reader only)
- **CX4869-4196** - S320 (Black), Without, SM Link included
- **CX4235-3322** - S320 (White), Without, Not included (data reader only)
- **CX4870-4197** - S320 (White), Without, SM Link included

