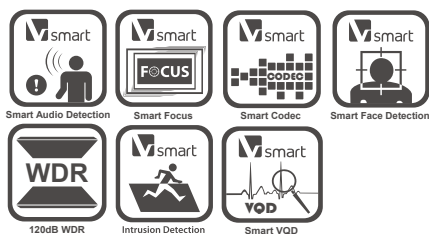


**NEW**

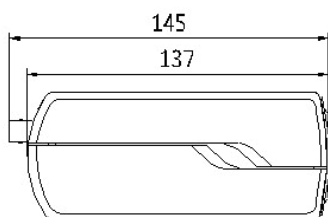
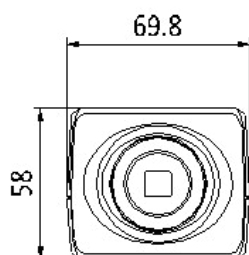
# DS-2CD4065F-(A)

**6MP Smart IP Box Camera****smart IPC**

## Key features

- Up to 3072x2048 resolution
- Super Digital WDR
- Auto Back Focus optional (-A)
- Smart Face Detection
- Intrusion Detection
- Smart Codec
- Triple Streams
- On-board Storage, up to 64GB
- Defog

## Dimension (unit: mm)



## Available Models

DS-2CD4065F  
DS-2CD4065F-A

| Camera                    |                                                                                                                                                                                                  |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image sensor              | 1/1.8" Progressive Scan CMOS                                                                                                                                                                     |
| Min. illumination         | Color: 0.02 Lux @ (F1.2, AGC ON)<br>B/W: 0.002 Lux @ (F1.2, AGC ON)                                                                                                                              |
| Shutter time              | 1/3 s to 1/100,000 s                                                                                                                                                                             |
| Slow shutter              | Support                                                                                                                                                                                          |
| Lens mount                | C/CS mount                                                                                                                                                                                       |
| Auto-iris                 | DC drive                                                                                                                                                                                         |
| Day & night               | IR cut filter with auto switch                                                                                                                                                                   |
| Digital noise reduction   | 3D DNR                                                                                                                                                                                           |
| Wide dynamic range        | Support                                                                                                                                                                                          |
| Focus                     | ABF(-A model)                                                                                                                                                                                    |
| Compression standard      |                                                                                                                                                                                                  |
| Video compression         | H.264 / MJPEG                                                                                                                                                                                    |
| H.264 compression profile | Baseline Profile / Main Profile / High Profile                                                                                                                                                   |
| Bit rate                  | 32 Kbps ~ 16 Mbps                                                                                                                                                                                |
| Audio compression         | G.711 / G.726 / MP2L2                                                                                                                                                                            |
| Audio bit rate            | 64Kbps(G.711) / 16Kbps(G.726) / 32~128Kbps(MP2L2)                                                                                                                                                |
| Image                     |                                                                                                                                                                                                  |
| Max. image resolution     | 3072 x 2048                                                                                                                                                                                      |
| Frame rate                | 50Hz: 25fps @<br>3072 x 2048, 2560 x 2048, 2560 x 1920, 2048 x 1536, 1920 x 1080, 1280 x 720<br>60Hz: 25fps @<br>3072 x 2048, 2560 x 2048, 2560 x 1920, 2048 x 1536, 1920 x 1080, 1280 x 720     |
| Third stream              | Independent with Main Stream and Sub Stream, up to<br>50Hz: 25fps @ 1280 x 720 ; 60Hz: 30fps @ 1280 x 720                                                                                        |
| BLC                       | Support                                                                                                                                                                                          |
| Smart defog               | Support                                                                                                                                                                                          |
| EIS                       | Support                                                                                                                                                                                          |
| Image setting             | Saturation, Brightness, Contrast adjustable by client software or web browser                                                                                                                    |
| Day/Night switch          | Auto / Schedule / Triggered by Alarm In                                                                                                                                                          |
| Network                   |                                                                                                                                                                                                  |
| Network storage           | NAS                                                                                                                                                                                              |
| Alarm trigger             | Intrusion detection, Defocus detection, Motion detection, Face detection, line crossing detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception |
| Protocols                 | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour(SIP optional)                                                   |
| Security                  | User Authentication, Watermark, IP address filtering, Anonymous access                                                                                                                           |
| Standard                  | ONVIF, PSIA, CGI, ISAPI                                                                                                                                                                          |
| Interface                 |                                                                                                                                                                                                  |
| Audio input               | 1-ch 3.5 mm audio interface, Mic in/Line in. 1 built-in Microphone                                                                                                                               |
| Audio output              | 1-ch 3.5 mm audio interface                                                                                                                                                                      |
| Communication interface   | 1 RJ45 10M/100M Ethernet port, 1 RS-485 interface and 1 RS-232 interface                                                                                                                         |
| Alarm input               | 1                                                                                                                                                                                                |
| Alarm output              | 1                                                                                                                                                                                                |
| Video output              | 1Vp-p composite output (75 Ω/BNC)                                                                                                                                                                |
| On-board storage          | Built-in Micro SD/SDHC/SDXC slot, up to 64 GB                                                                                                                                                    |
| Reset button              | Yes                                                                                                                                                                                              |
| General                   |                                                                                                                                                                                                  |
| Operating conditions      | -30°C ~ 60°C (-22°F ~ 140°F) humidity 95% or less (non-condensing)                                                                                                                               |
| Power supply              | 24 V AC ± 10%, 12 V DC ± 10%, PoE (802.3af)                                                                                                                                                      |
| Power consumption         | Max. 6.5 W (Max. 9.5 W with IR cut filter on)                                                                                                                                                    |
| Dimensions (mm)           | 69.8x58x145 mm (2.68" x 2.56" x 5.70")                                                                                                                                                           |
| Weight                    | 830 g (1.83 lbs)                                                                                                                                                                                 |