

DS-2CV2U21FD-IW/(16G-T/32G-T/64G-T)
2.0 MP Network Cube Camera



Key Features

- Up to 2.0 megapixel high resolution
- Two video streams
- 2.8mm fixed lens
- Digital Wide Dynamic Range
- 3D Digital Noise Reduction
- Build-in microphone and speaker, support two-way audio
- Support on-board storage, up to 128GB
- Up to 10 m IR range
- Built-in Wi-Fi
- DC 5V ± 15 %, micro USB interface
- Mobile Monitoring via Hik-Connect or iVMS-4500



Specifications

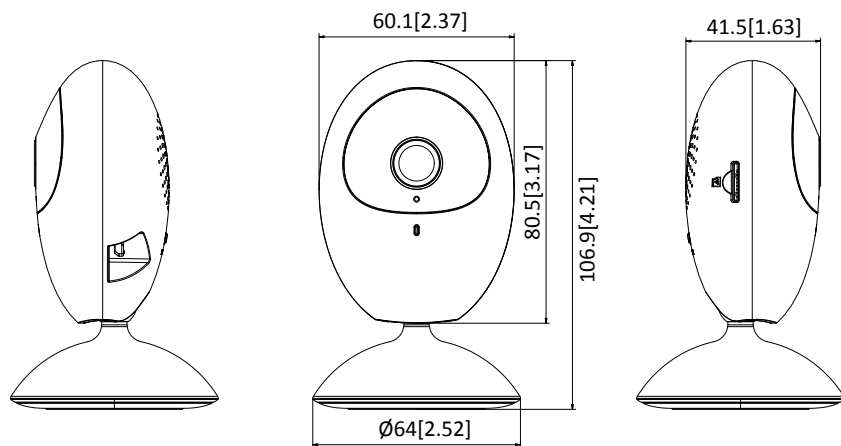
| Camera | |
|-----------------------------|---|
| Image Sensor | 1/2.8" Progressive Scan CMOS |
| Min. Illumination | 0.01Lux @ (F1.2, AGC ON), 0 Lux with IR |
| Shutter Speed | 1/3 s to 1/100,000 s |
| Slow Shutter | Support |
| Iris | F2.0 |
| Lens | 2.8mm, horizontal field of view 105.8° |
| Lens Mount | M12 |
| Day & Night | IR cut filter with auto switch |
| DNR | 3D DNR |
| Wide Dynamic Range | Digital WDR |
| Compression Standard | |
| Video Compression | Main stream: H.264 Sub stream: H.264 |
| H.264 Type | Baseline Profile/Main Profile |
| Video Bit Rate | 32 Kbps – 8 Mbps |
| Audio Compression | G.711/G.722.1/G.726/MP2L2/PCM |
| Audio Bit Rate | 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-160Kbps(MP2L2) |
| Image | |
| Max. Resolution | 1920 × 1080 |
| Main Stream | 50Hz: 25fps (1920 × 1080, 1280 × 720) |
| Max. Frame Rate | 60Hz: 30fps (1920 × 1080, 1280 × 720) |
| Sub Stream | 50Hz: 25fps (704 × 576, 352 × 288, 640 × 480, 320 × 240) |
| Max. Frame Rate | 60Hz: 30fps (704 × 480, 352 × 240, 640 × 480, 320 × 240) |
| Image Settings | Brightness, saturation, sharpness, contrast are adjustable via client software |
| Day/Night Switch | Support auto/scheduled |
| Backlight Compensation | Support, zone optional |
| Region of Interest | Support 1 fixed region for each stream |
| Audio | |
| Environment Noise Filter | Support |
| Audio Input/Output | Support mono soundtrack |
| Audio Sampling Rate | Max. 16 kHz |
| Network | |
| Network Storage | Support microSD/SDHC/SDXC card, up to 128 GB local storage |
| Detection | Motion Detection |
| Alarm Trigger | Video Tampering Alarm, HDD Full, HDD Error, Network Disconnected, IP Address Conflicted, Illegal Login |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, RTP, RTSP, RTCP, NTP, UPnP, IGMP, QoS, IPv6, Bonjour, SMTP, 802.1x |
| Standard | ISAPI, CGI |
| General Function | One-key reset, Anti-flicker, Heartbeat, Mirror, Password Protection, Privacy Mask, Watermark |
| Interface | |
| On-board Storage | Built-in Micro SD/SDHC/SDXC slot, up to 128 GB |
| Audio Interface | 1 build-in microphone, 1 build-in speaker |
| Reset | Yes |

| Wi-Fi | |
|----------------------|---|
| Wireless Standards | IEEE802.11b, 802.11g, 802.11n |
| Frequency Range | 2.4 GHz - 2.4835 GHz |
| Channel Bandwidth | 20/40MHz Support |
| Protocols | 802.11b: CCK, QPSK, BPSK, 802.11g/n: OFDM |
| Security | 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS |
| Transfer Rates | 11b: 11Mbps, 11g: 54Mbps, 11n: up to 150Mbps |
| Wireless Range | 50 meters (The performance varies based on actual environment) |
| General | |
| Operating Conditions | -10 °C to 40°C (14 °F to 104 °F), Humidity 95% or less (non-condensing) |
| Power Supply | DC 5V ± 15 %, micro USB interface |
| Current | Max. 0.9A |
| Power Consumption | Max. 4.5W |
| IR Range | Up to 10 meters |
| Material | Plastic |
| Memory Card | DS-2CV2U21FD-IW: no memory card included DS-2CV2U21FD-IW/16G-T: includes a 16 GB memory card DS-2CV2U21FD-IW/32G-T: includes a 32 GB memory card DS-2CV2U21FD-IW/64G-T: includes a 64 GB memory card |
| Dimensions | Φ 64 × 106.9 mm (Φ 2.52" × 4.21") |
| Weight | 115 g (0.25 lbs) |

Ordering Models

DS-2CV2U21FD-IW, DS-2CV2U21FD-IW/16G-T, DS-2CV2U21FD-IW/32G-T, DS-2CV2U21FD-IW/64G-T

Dimensions



UNIT: mm [inch]

Distributed by

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