



3MP Fixed Dome Network Camera

Manufacturer Part Number

DS-2CD2132F-IWS-2.8MM

EAN/UPC

0813908020250,813908020250

Full Product Specifications

Note:

- The full product specifications below are from the manufacturer and may contain information related to other package quantities that will not apply to the product that you are reviewing. Please confirm the actual content and/or package quantity from the main product specifications page.
- These specifications may represent the entire product series/model/line to which this product belongs with specific configuration differences between the individual products stated.
- These specifications may have been copied from the same product in other region/country in which case there might be minor differences in region-specific data such as Input Voltage, Terms of Warranty etc.

Camera

Image Sensor:: |: 1/3" Progressive Scan CMOS

Min. Illumination:: |: 0.07Lux @ (F1.2, AGC ON) ,0 Lux with IR

0.19 Lux @ (F2.0, AGC ON) ,0 Lux with IR

Shutter time:: |: 1/3 s to 1/100,000 s

Lens:: |:

4mm@ F2.0 (2.8mm, 6mm optional), Angle of view: 98.5°(2.8mm), 79°(4mm) , 49°(6mm)

Lens Mount:: |: M12

Adjustment Range:: |: Pan:0° - 355°, Tilt: 0° - 75°, Rotation: 0-355°

Day& Night:: |: IR cut filter with auto switch

Wide Dynamic Range:: |: Digital WDR

Digital noise reduction:: |: 3D DNR

Compression Standard

Video Compression:: |: H.264/MJPEG
H.264 code profile:: |: Main Profile
Video bit rate:: |: 32Kbps~12Mbps
Audio Compression:: |: -S: G.711/G.722.1/G.726/MP2L2
Audio bit rate:: |: 64Kbps(G.711) /16Kbps(G.722.1)/16Kbps(G.726) /32-128Kbps(MP2L2)
Dual Stream:: |: Yes

Image

Max. Image Resolution:: |: 2048×1536
Frame Rate:: |: 50Hz: 20fps(2048 × 1536), 25fps(1920 × 1080), 25fps (1280 × 720)
60Hz: 20fps(2048 × 1536), 30fps(1920 × 1080), 30fps (1280 × 720)
Image Settings:: |: Rotate mode, Saturation, Brightness, Contrast adjustable by client software or web browser
BLC:: |: Yes, zone configurable
ROI:: |: Support

Network

Network Storage:: |: Built-in Micro SD/SDHC/SDXC slot, up to 128G, NAS(NFS, SMB/CIFS)
Alarm Trigger:: |: Line Crossing, Intrusion Detection, Motion 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
Security:: |: One-key reset, flash-prevention, dual streams, heartbeat, mirror, password protection, privacy mask, Watermark, IP address filtering, Anonymous access
System Compatibility:: |: ONVIF, PSIA, CGI, ISAPI

Interface

Audio:: |: 1-ch 3.5 mm audio in (Mic in/Line in)/out interface (-S model)
Communication Interface:: |: 1 RJ45 10M / 100M Ethernet interface
Alarm:: |: -S: 1 alarm I/O

Wi-Fi Specification (-W)

Wireless Standards:: |: IEEE802.11b, 802.11g, 802.11n
Frequency Range:: |: 2.4 GHz ~ 2.4835 GHz
Channel Bandwidth:: |: 20/40MHz Support
Modulation Mode:: |: 802.11b: CCK, QPSK, BPSK
802.11g/n: OFDM
Security:: |: 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Transmit Power:: |: 11b: 17±1.5dBm @ 11Mbps
11g: 14±1.5dBm @ 54Mbps
11n: 12.5±1.5dBm
Receive Sensitivity:: |: 11b: -90dBm @ 11Mbps (Typical)
11g: -75dBm @ 54Mbps (Typical)
11n: -74dBm (Typical)
Transmission Rate:: |: 11b: 11Mbps
11g: 54Mbps
11n: up to 150Mbps
Wireless Range:: |: 50m(depend on environment)
Protocols:: |: 802.11b: CCK, QPSK, BPSK
802.11g/n: OFDM

General

Operating Conditions:: |: -30 °C ~ 60 °C (-22 °F ~ 140 °F)

Humidity 95% or less (non-condensing)

Power Supply:: |: 12 VDC $\pm$ 10%, PoE (802.3af)

Power Consumption:: |: Max. 5 W

Impact Protection:: |: IK08(-W model)/IK10(non -W model)

Weather Proof:: |: IP66

IR Range:: |: Up to 30m

Dimensions:: |: $\Phi 111 \times 82$ (4.4" $\times$ 3.2")

Weight:: |: 500g (1.1 lbs)

NOTE : :: |: "-W" series support Wi-Fi (802.11b/g/n) and the modules with Wi-Fi function don't support the 802.1X protocol.