

DS-2CD2020F-I(W)



Key Features

- Up to 2 megapixel (1920 × 1080) resolution
- Standard video compression with high compression ratio, ROI (region of interest) encoding
- Progressive scan CMOS, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- High-performance and long service life Infrared LED, Approx. 20 to 30 meters IR range
- IR cut filter with auto switch
- Built-in Micro SD / SDHC / SDXC card slot, up to 128GB
- PoE (Power over Ethernet)
- Ingress Protection level: IP67
- Electronic shutter for different surveillance environments
- Other functions: alarm, reset button, mirror, etc
- Support intrusion detection and line crossing detection
- Support VCA, which is compatible with NVR for the second time of video searching and analysing

Specification

| | |
|--------------|---|
| Model | DS-2CD2020F-I(W) |
| Parameter | 2 Megapixel CMOS ICR Infrared Network Bullet Camera |
| Camera | |
| Image Sensor | 1/2.8" Progressive Scan CMOS |

| | |
|-----------------------------|--|
| Min. Illumination | 0.01Lux @ (F1.2, AGC ON) ,0 Lux with IR 0.028Lux @ (F2.0, AGC ON) ,0 Lux with IR |
| Shutter Speed | 1/3 s to 1/100,000 s |
| Lens | 4mm@ F2.0, Angle of view: 85° (6mm optional) |
| Lens Mount | M12 |
| Day &Night | IR cut filter with auto switch |
| Digital Noise Reduction | 3D DNR |
| Wide Dynamic Range | Digital WDR |
| Compression Standard | |
| Video Compression | H.264/ MJPEG |
| Video Bit Rate | 32 Kbps – 8 Mbps |
| Dual Stream | Yes |
| Image | |
| Max. Resolution | 1920 × 1080 |
| Max Frame Rate | 50Hz: 25fps(1920 × 1080), 25fps (1280 × 960), 25fps (1280 × 720) 60Hz: 30fps(1920 × 1080), 30fps (1280 × 960), 30fps (1280 × 720) |
| Sub Stream | 50 Hz: 25 fps (320 x 240), 25 fps (352 x 288), 25 fps (640 x 480), 25fps(704 x 576) 60 Hz: 30 fps (320 x 240), 30 fps (352 x 288), 30 fps (640 x 480), 30fps(704 x 576) |
| Image Settings | Rotate mode, Saturation, Brightness, Contrast adjustable by client software or web browser |
| Backlight compensation | Yes, zone optional |
| ROI | Support |
| Network | |
| Network Storage | NAS (Support NFS,SMB/CIFS) |
| Detection | Intrusion detection, Line crossing detection, Motion detection, Dynamic analysis |
| Alarm Trigger | 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 |
| General | One-key reset, Anti-Flicker, dual stream, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, Anonymous access |
| Standard | ONVIF, PSIA, CGI, ISAPI |
| Interface | |
| Communication Interface | 1 RJ45 10M/100M Ethernet interface |
| On-board storage | Built-in Micro SD/SDHC/SDXC card slot, up to 128 GB |

| | |
|--|---|
| Reset Button | Yes |
| Wi-Fi Specification(Only for the products with Wi-Fi module built-in) | |
| 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 | 50m(depend on environment) |
| General | |
| Operating Conditions | -30 °C – 60 °C (-22 °F – 140 °F) Humidity 95% or less (non-condensing) |
| Power Supply | 12 V DC ± 10% , PoE (802.3af) |
| Power Consumption | MAX. 5.8W |
| Material | Front Cover: Plastic; Back Cover&Bracket: Metal |
| Ingress Protection level | IP67 |
| IR Range | 30 meters |
| Dimensions | 70×157×62mm (2.8" × 6.1" × 2.4") |
| Weight | 500g (1.1 lbs) |

Order Models

DS-2CD2020F-I, DS-2CD2020F-IW

Dimensions

