

DS-2CD4165F-IZ

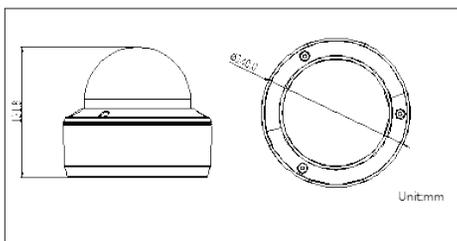
6 MP Smart IP Indoor Dome Camera



Key Features

- Up to 3072 x 2048 High Resolution
- WDR, 3D DNR
- Multi-Video Streams
- On-Board Storage, Up to 128 GB
- Up to 30 Meters IR Range
- Motorized VF Lens with Smart Focus
- Vandal Resistant

Dimensions



Accessories



Order Models

DS-2CD4165F-IZ

| DS-2CD4165F-IZ | |
|-----------------------------|---|
| Camera | |
| Image Sensor | 1/1.8" progressive scan CMOS |
| Minimum Illumination | 0.01 lux @ (f/1.2, AGC on), 0 lux with IR 0.014 lux @ (f/1.4, AGC on), 0 lux with IR |
| Shutter Speed | 1 s to 1/100,000 s |
| Slow Shutter | Supported |
| Lens | 2.8 mm to 12 mm @ f/1.4, 94.5° to 30.5° |
| Angle Adjustment | Pan: 0° to 355°, tilt: 0° to 75°, rotation: 0° to 355° |
| Auto Iris | DC drive |
| Day/Night | IR cut filter with auto switch |
| Digital Noise Reduction | 3D DNR |
| Wide Dynamic Range | Supported |
| Compression Standard | |
| Video Compression | H.264/MJPEG |
| H.264 Type | Baseline Profile/Main Profile/High Profile |
| Video Bit Rate | 32 Kbps to 16 Mbps |
| Audio Compression | G.711/G.722.1/G.726/MP2L2 |
| Audio Bit Rate | 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 128 Kbps (MP2L2) |
| Image | |
| Maximum Resolution | 3072 x 2048 |
| Frame Rate | 50 Hz: 25 fps (3072 x 2048, 3072 x 1728, 2560 x 2048, 2560 x 1920, 2048 x 1536, 1920 x 1080, 1280 x 720) 60 Hz: 25 fps (3072 x 2048), 30 fps (3072 x 1728, 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 50 Hz: 25 fps @ 1280 x 720; 60 Hz: 30 fps @ 1280 x 720 |
| BLC | Supported |
| Smart Defog | Supported |
| Image Setting | Saturation, brightness, contrast adjustable by client software or Web browser |
| Day/Night Switch | Auto/schedule/triggered by alarm in |
| ROI | Supported |
| Network | |
| Network Storage | NAS (supports NFS, SMB/CIFS) |
| Alarm Trigger | Intrusion detection, defocus 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, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour |
| 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 |
| Audio Output | 1-ch 3.5 mm audio interface |
| Communication Interface | 1 RJ-45 10/100/1000M Ethernet port, 1 RS-485 interface, and 1 RS-232 interface |
| Alarm Input/Output | 1/1 |
| Video Output | 1 Vp-p composite output (75 Ω/BNC) |
| On-Board Storage | Built-in microSD/SDHC/SDXC slot, up to 128 GB |
| Reset Button | Yes |
| Smart Feature Set | |
| Behavior Analysis | Line crossing detection, intrusion detection, region entrance, region exiting, unattended baggage, object removal |
| Line Crossing Detection | Cross a pre-defined virtual line |
| Intrusion Detection | Enter and loiter in a pre-defined virtual region |
| Region Entrance | Enter a pre-defined virtual region |
| Region Exiting | Exit from a pre-defined virtual region |
| Unattended Baggage | Objects left in the pre-defined region such as baggage, purse, dangerous materials |
| Object Removal | Objects removed from the pre-defined region, such as exhibits on display. |
| Exception Detections | Scene change detection, sudden audio increase/decrease detection, audio loss detection, defocus detection |
| Statistics | Object counting (entrance and exit object number is accounted and showed on screen in real time) |
| General | |
| Operating Conditions | -30° C to 60° C (-22° F to 140° F) Humidity 95% or less (non-condensing) |
| Power | 24 VAC ±10%, 12 VDC ±10%, PoE (802.3af) |
| Impact Protection | IEC 60068-2-75 test, Eh, 20J; EN 50102, IK10 |
| IR Distance | 10 to 30 meters |
| Power Consumption | Maximum 6 to 9 W (IR lens 2 W, motorized lens 1 W) |
| Dimensions | Φ140 mm x 121.8 mm |
| Weight | 1400 g (3.09 lb.s) |