

DS-2CD4185F-IZ

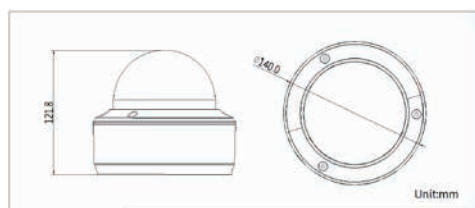
8MP Smart IP Indoor Dome Camera



Key features

- Up to 4096 × 2160 high resolution
- WDR, 3D DNR
- Multi-video streams
- On-board storage, up to 64GB
- Up to 30m IR range
- Motorized VF lens with Smart Focus
- Vandal-proof

Dimensions



Accessories



Available models

DS-2CD4185F-IZ

DS-2CD4185F-IZ	
Camera Module	
Image Sensor	1/1.7" Progressive Scan CMOS
Min. Illumination	0.01 Lux @ (F1.2, AGC ON), 0 lux with IR 0.014 Lux @ (F1.4, AGC ON), 0 lux with IR
Shutter Speed	1 s to 1/100,000 s
Slow Shutter	Support
Lens	2.8-12mm @ F1.4, angle of view
Lens Mount	Φ14
Angle Adjustment	Pan:0° - 355°, Tilt: 0° - 75°, Rotation: 0° - 355°
Auto-iris	DC drive
Day & Night	Electronic (-I: IR cut filter with auto switch)
Digital Noise Reduction	3D DNR
Wide Dynamic Range	DWDR
Compression Standard	
Video Compression	H.264/ MJPEG
H.264 Type	Baseline Profile / Main Profile / High Profile
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2)
Image	
Max. Resolution	4096 × 2160
Frame Rate	50Hz: 25fps (4096 × 2160, 3840 × 2160, 1920 × 1080, 1280 × 720) 60Hz: 30fps (4096 × 2160, 3840 × 2160, 1920 × 1080, 1280 × 720)
Image Settings	Independent with Main Stream and Sub Stream, up to 50Hz: 25fps(1280 × 720) 60Hz: 30fps(1280 × 720)
BLC	Support
HLC	Support
Smart Defog	Support
Image Setting	Rotate Mode, Saturation, Brightness, Contrast adjustable by client software or web browser
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
ROI	Support
Picture Overlay	LOGO picture can be overlaid on video with 128x128 24bit bmp format
Network	
Network Storage	NAS (Support NFS,SMB/CIFS)
Alarm Trigger	Intrusion detection, Defocus detection, Motion detection, Face detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Protocols	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTSP,RTCP,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 RJ45 10/100/1000M 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
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 from the outside place
Region Exiting	Exit from a pre-defined virtual region
Unattended Baggage	Objects left over in the pre-defined region such as the baggage, purse, dangerous materials
Object Removal	Objects removed from the pre-defined region, such as the exhibits on display.
Exception Detections	Scene change detection, Sudden audio increase/decrease detection, Audio loss detection, Defocus detection
Recognition	Face detection recognition
Statistics	Object Counting (Entrance and Exit object number is accounted and showed on screen in real time)
General	
Operating Conditions	-30 °C – 60 °C (-22 °F – 140 °F) Humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 10% / PoE (802.3at)
Power Consumption	9W MAX
IR Range	-I: Approx. 10 to 30 meters
Impact Protection	IEC60068-275Eh, 20J; EN50102, up to IK10
Dimensions	Φ140 × 121.8mm (Φ 5.51" × 4.80")
Weight	1400g (3.09 lbs)