

DS-2CD4165F-IZ

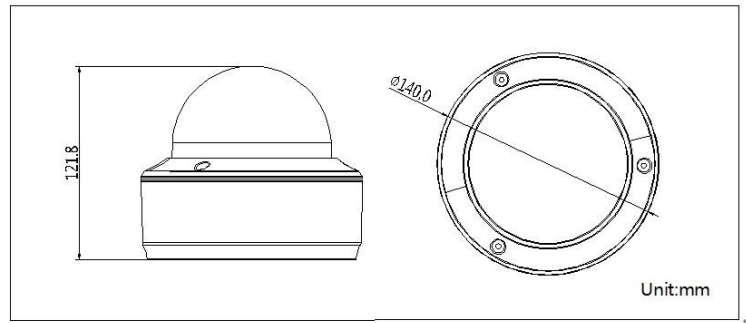
6MP Smart IP Indoor Dome Camera



Specification

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Min. Illumination	0.01 Lux @(F1.2,AGC ON), 0.014 Lux @(F1.4,AGC ON), 0 Lux with IR
Shutter Speed	1s ~ 1/100,000s
Slow Shutter	Support
Lens	2.8-12mm @ F1.4, 94.5°~30.5°
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
WDR	DWDR
Compression Standard	
Video Compression	H.264+/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	3072 x 2048
Frame Rate	50Hz: 20fps (3072 x 2048), 25fps (3072 x 1728, 2560 x 2048, 2560 x 1920, 2048 x 1536, 1920 x 1080, 1280 x 720) 60Hz: 20fps (3072 x 2048), 30fps (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 50/60Hz: 10fps@4CIF
Image Enhancement	BLC/3D DNR/ROI/Defog
Image Setting	Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser
Regional Cropping	Support
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
Picture Overlay	LOGO picture can be overlaid on video with 128x128 24bit bmp format
Network	
Network Storage	NAS (Support NFS,SMB/CIFS), ANR
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
Security	User Authentication, Watermark, IP address filtering, Anonymous access
Standard	ONVIF(PROFILE S,PROFILE G),ISAPI
Interface	
Audio	1-ch 3.5 mm audio in(Mic in/Line in)/out interface
Communication Interface	1 RJ45 10M/100M/1000M Ethernet port, 1 RS-485 interface
Alarm	1 input, 1 output (up to DC24V 1A or AC110V 500mA)
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
Reset Button	Yes

Dimensions



Audio

Environment Noise Filtering	Support
Audio I/O	Support
Audio Sampling Rate	16kHz / 32kHz / 44.1kHz / 48kHz

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
Statistics	Object Counting (Entrance and Exit object number is accounted and showed on screen in real time)
Heat Map	Support

General

Impact Protection	IK10
IR Distance	30m
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. 6~9W (IR lens 2W, Motorized lens 1 W)
Dimensions	Φ 140 × 121.8 mm (Φ 5.51" × 4.80")
Weight	1400 g (3.09 lbs)

Order Models

DS-2CD4165F-IZ

Accessories



DS-1271ZJ-
130Pendant



DS-1273ZJ-
130Wall Mount



DS-1273ZJ-
130BWall mount



DS-1227ZJ
In-ceiling Mount



DS-1275ZJ-SUS
Vertical pole Mount



DS-1276ZJ-SUS
Corner Mount



DS-1281ZJ-DM23
Inclined ceiling Mount