

## DS-2CD4165F-IZ

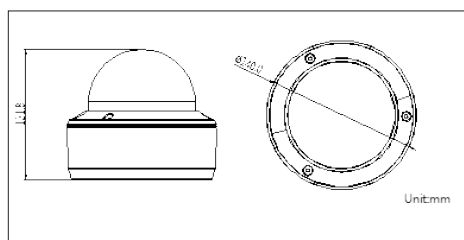
### 6 MP Smart IP Indoor Dome Camera



#### 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
<b>Camera</b>	
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
<b>Compression Standard</b>	
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)
<b>Image</b>	
Maximum Resolution	3072 x 2048
Frame Rate	50 Hz: 25 fps (3072 × 2048, 3072 × 1728, 2560 × 2048, 2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720) 60 Hz: 25 fps (3072 × 2048), 30 fps (3072 × 1728, 2560 × 2048, 2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720)
Third Stream	Independent with main stream and sub stream, up to 50 Hz: 25 fps @ 1280 × 720; 60 Hz: 30 fps @ 1280 × 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
<b>Network</b>	
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, 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
<b>Interface</b>	
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
<b>Smart Feature Set</b>	
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)
<b>General</b>	
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 × 121.8 mm
Weight	1400 g (3.09 lb.s)