DS-2CD4185F-IZ
4k Smart IP Indoor Dome Camera
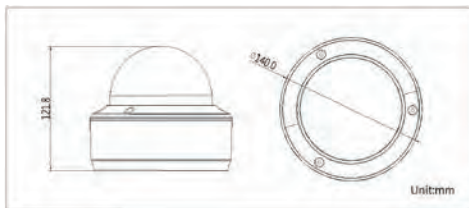
smart IPC

6.0 Megapixel
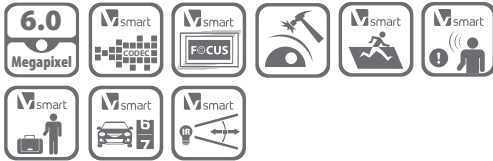
Key Features

- Up to 4096 × 2160 High Resolution
- WDR, 3D DNR
- Multi-Video Streams
- On-Board Storage, Up to 128 GB
- Up to 30 Meters IR Range
- Motorized Lens with Smart Focus
- Vandal Resistant

Dimensions

Accessories

Indoor In-Ceiling Mount

RCM-1

Pendant Cap

PC130

Order Model

DS-2CD4185F-IZ

DS-2CD4185F-IZ	
Camera Module	
Image Sensor	1/1.7" progressive scan CMOS
Minimum Illumination	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; angle of view: 96.0° to 32.6°
Lens Mount	Φ14
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotation: 0° to 355°
Auto Iris	DC drive
Day/Night	Electronic 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 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	4096 × 2160
Frame Rate	30 fps (4096 × 2160, 3840 × 2160, 1920 × 1080, 1280 × 720)
Image Settings	Independent with main stream and sub stream, 30 fps (1280 × 720)
BLC	Supported
HLC	Supported
Smart Defog	Supported
Image Setting	Rotate mode, saturation, brightness, contrast adjustable by client software or Web browser
Day/Night Switch	Auto/schedule/triggered by alarm in
ROI	Supported
Picture Overlay	LOGO picture can be overlaid on video with 128 x 128 24-bit bmp format
Network	
Network Storage	MicroSD/SDHC/SDXC card with ANR (up to 128 GB), 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
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	1
Alarm Output	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 from the outside place
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 the 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 Supply	12 VDC ±10%/PoE (802.3af)
Power Consumption	13 W maximum
IR Range	Up to 30 meters
Impact Protection	IEC60068-275Eh, 20J; EN50102, up to IK10
Dimensions	Φ140 mm × 121.8 mm (Φ5.51" × 4.80")
Weight	1400 g (3.09 lbs)

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