

## DS-2CD4AC5F-IZH

### 12 MP Smart Bullet Camera

- 1/1.7" (12 MP) Progressive Scan CMOS
- 4,000 x 3,000 Resolution @ 15 fps
- IR Range Up to 165 ft (50 m)
- 2.8 to 12 mm Motorized Lens with Smart Focus
- Slow Shutter
- DWDR, 3D DNR
- Built-In Heater
- 128 GB On-Board Storage
- IP67 Protection
- 12 VDC/PoE



The DS-2CD4AC5F-IZH offers 12 MP HD resolution with a frame rate up to 15 fps, DWDR, PoE, defogging, 3D DNR, and a comprehensive Smart feature set that can meet a wide variety of applications.

Smart Series cameras are capable of capturing images of superbly high quality, and include a range of important features, such as intrusion detection, line crossing detection, object left/removal, entering/leaving area, scene


change detection, audio surge detection, audio loss detection, defocus detection.

Additionally, the DS-2CD4AC5F-IZH camera features Smart recording with dual-VCA, low bitrate, low latency, ROI enhancement, multi-stream, rotate mode, and edge recording.

**Available model:**  
DS-2CD4AC5F-IZH



<b>DS-2CD4A24FWD-IZH</b>	
<b>Camera</b>	
Image Sensor	1/1.7" Progressive Scan CMOS
Minimum Illumination	0.01 Lux @ (F1.2, AGC ON), 0.014 Lux @ (F1.4, AGC ON), 0 Lux with IR
Shutter Speed	1 to 1/100,000 s
Slow Shutter	Support
Lens	2.8 to 12 mm @ F1.4, viewing angle: 93.6° to 31.8°
Lens Mount	AF automatic focusing and motorized zoom lens
Auto-Iris	DC drive
Day/Night	IR Cut Filter with auto switch
WDR	DWDR
<b>Compression Standard</b>	
Video Compression	H.264+ / H.264 / MJPEG
H.264	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>	
Max. Resolution	4000x3000
Frame Rate	15 fps (4000x3000), 22 fps (4096x2160), 24 fps (3840x2160), 30 fps (3072x1728, 2560x1440, 1920x1080, 1280x720)
Third Stream	Independent with Main Stream and Sub Stream, up to 50 / 60Hz: 10 fps (1280x720)
Image Enhancement	BLC / 3D DNR / ROI / Defogging
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or web browser
Distortion Correction	Support
Regional Cropping	Support
Day/Night Switch	Auto / schedule / triggered by alarm in
Picture Overlay	LOGO picture can be overlaid on video with 128x128 24-bit BMP format
<b>Network</b>	
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), PSIA, CGI, ISAPI
<b>Interface</b>	
Audio (-S)	1-ch. 3.5 mm audio in (microphone in / line in) / out interface
Communication Interface	1 RJ45 10/100/1000 M Ethernet port
Alarm (-S)	1 input, 1 output (up to VDC 24 (1A) or VAC 110 (500mA))
Video Output (-S)	1Vp-p composite output (75 Ω / BNC)
On-board storage	Built-in Micro SD / SDHC / SDXC slot, up to 128 GB
Reset Button	Yes
<b>Smart Features</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 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 baggage, purses, and 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 for and showed on-screen in real time)
<b>General</b>	
Protection Level	IP67
IR Distance	50 m (2.8 to 12 mm) / 100 m (8 to 32 mm)
Operating Conditions	-22 °F to 140 °F (-30 °C to 60 °C), Humidity 95% or less (non-condensing), -H: -40 °C to 60 °C
Power Supply	12 VDC ± 10%, PoE (802.3at)
Power Consumption	Maximum 12 W
Dimensions	3.94" × 4.09" × 12.28" (100 × 103.9 × 311.8 mm)
Weight	4.41 lbs (2,000 g)

	
<p><b>CB130</b> Conduit Base</p>	<p><b>CBS</b> Conduit Base</p>

Dimensions

