

DS-2CD45C5F-IZH

12 MP Smart IP Outdoor Dome Camera

- 1/1.7" (12 MP) Progressive Scan CMOS
- 4,000 × 3,000 Resolution@ 15 fps
- Up to 130 ft (40 m) IR Range
- 2.8 to 12 mm Motorized Lens with Smart Focus
- Slow Shutter
- DWDR, 3D DNR
- Audio/Alarm I/O
- Built-In Heater
- 128 GB On-Board Storage
- IP66 Protection
- 24 VAC/12 VDC/PoE



The DS-2CD45CF-IZH 12 MP Smart Outdoor Dome Camera provides stunning 12 MP HD resolution at up to 15 fps. Storage concerns are addressed by Hikvision's H.264+ and H.264 compression, three independent video streams, and an on-board 128 GB microSD card slot.

Digital WDR, digital defog, 3D digital noise reduction, and a 130 ft (40 m) IR range allow for clear images in a variety of settings. The 2.8 mm to 12 mm motorized zoom lens with auto iris

makes installation and operation simple.

Additionally, the camera's full set of Smart features include object counting as well as detection of intrusion, line crossing, scene change, defocus, object left behind, object removal, and audio level spikes or audio loss. Efficient, convenient, and intelligent video surveillance has never been easier.

Available Models: DS-2CD45C5F-IZH



DS-2CD45C5F-IZH	
Camera	
Image Sensor	1/1.7" progressive scan CMOS
Minimum Illumination	0.014Lux @ f/1.4, AGC on, 0 lux with IR
Shutter Speed	1s to 1/100,000s
Slow Shutter	Supported
Lens	2.8 mm to 12 mm @ f/1.4, 93.6° to 31.8°
Lens Mount	Φ14
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
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 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	4000 × 3000
Frame Rate	15 fps (4000 × 3000), 22 fps (4096 × 2160), 24 fps (3840 × 2160), 30 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)
Third Stream	Independent with Main Stream and Sub Stream, up to 50/60Hz: 10 fps(1280 × 720)
Image Enhancement	BLC/3D DNR/ROI/defog
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness, adjustable by client software or Web browser
Regional Cropping	Supported
Distortion Correction	Supported
Day/Night Switch	Auto/schedule/triggered by alarm in
Picture Overlay	LOGO picture can be overlaid on video with 128 x 128 24-bit bmp format
Network	
Network Storage	NAS (supports 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
Interface	
Audio	1-ch audio in (mic in/line in)/out interface
Communication Interface	1 RJ-45 10M/100M/1000M Ethernet port, 1 RS-485 interface
Alarm	1 input, 1 output (up to 24 VDC 1 A or 110 VAC 500 mA)
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 Features	
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 a pre-defined virtual region
Unattended Baggage	Objects left over 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 shown on screen in real time)
General	
Protection Level	IP66
Impact Protection	IK10
Operating Conditions	-22° F to 140° F (-40° C to 60° C), humidity 95% or less (non-condensing)
Power Supply	24 VAC ±10%, 12 VDC ±10%, PoE (802.3at)
IR Range	130 ft (40 m)
Power Consumption	Maximum 17 W
Dimensions	Φ6.49" × 5" (Φ164.9 mm × 127 mm)
Weight	4.63 lbs (2100 g)

			
PC165 Pendant Cap – 165 mm	CB165 Conduit Base	AB165 15° Angled Base	SRS Sun/Rain Shield

Dimensions

