HIKVISION®

DS-2CD4A25FWD-IZH(8)
2 MP WDR Smart IP Outdoor Bullet Camera

- **Full HD 1080p Video**
- **Up to 1920 x 1080 High Resolution**
- **Smart Codec**
- **140 dB WDR, 3D DNR**
- **Triple Streams**
- **On-Board Storage, Up to 128 GB**
- **Smart Focus: Motorized VF Lens**
- **Intrusion Detection**
- **Built-In Heater**
- **8 mm to 32 mm Lens Option**
- **IP67 Protection**

Hikvision's DS-2CD4A25FWD-IZH8 2 MP WDR Smart IP Outdoor Bullet Camera offers full HD 1080p (1920 x 1080) video in a rugged (IP67) enclosure with a built-in heater. True 140 dB WDR and 3D DNR provide a superior image under the most demanding conditions.
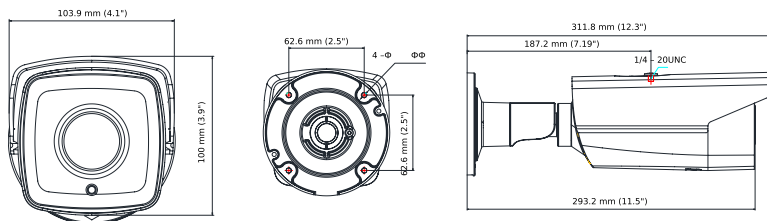
A choice of a 2.8 mm to 12 mm or an 8 mm to 32 mm motorized vari-focal lens provides flexibility in any situation.

The camera also features a full range of smart features, including line crossing detection, intrusion detection, region entrance, region exiting, unattended baggage, and object removal. On-board storage with a microSD card slot that supports up to 128 GB is also supported.
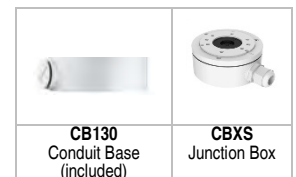
Available Models:
DS-2CD4A25FWD-IZH, 2.8 to 12 mm f/1.4, lens
DS-2CD4A25FWD-IZH8, 8 to 32 mm f/1.4, lens

Dimensions

Accessories

CB130
Conduit Base
(included)

CBXS
Junction Box

DS-2CD4A25FWD-IZH(8)	
Camera	
Image Sensor	1/2.8" progressive scan CMOS
Minimum Illumination	0.014 lux @ ƒ/1.4, AGC on, 0 lux with IR
Shutter Speed	1 s to 1/100,000 s
Slow Shutter	Yes
Lens	2.8 mm to 12 mm @ ƒ/1.4 motorized VF lens (FoV: 98.4° to 30.2°) 8 mm to 32 mm @ ƒ/1.4 motorized VF lens (FoV: 27.8° to 9.1°), optional (-8)
Auto Iris	DC drive
Day/Night	IR cut filter with auto switch
Digital Noise Reduction	3D DNR
Wide Dynamic Range (WDR)	120 dB
Compression Standard	
Video Compression	H.264/MJPEG
H.264 Codec Profile	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	1920 × 1080
Frame Rate	50 Hz: 50 fps (1920 × 1080)/(1280 × 960)/(1280 × 720) 60 Hz: 60 fps (1920 × 1080)/(1280 × 960)/(1280 × 720)
Third Stream	Independent with Main Stream and Sub Stream, up to 50 Hz: 25 fps (1920 x 1080) 60 Hz: 30 fps (1920 x 1080)
Image Settings	Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or Web browser
BLC	Supported, zone optional
Defog	Supported
Day/Night Switch	Auto/schedule/triggered by alarm in
Picture Overlay	128 x 128 24-bit BMP format overlay, zone optional
ROI	Supported
Network	
Network Storage	MicroSD/SDHC/SDXC card with ANR (up to 128 GB), NAS
Alarm Trigger	Line crossing detection, intrusion detection, scene change detection, audio exception 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	One-key recovery, flash-prevention, three streams, heartbeat, mirror, password protection, video mask, watermark, IP address filtering, anonymous access
System Compatibility	ONVIF, PSIA, CGI, ISAPI
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 in the pre-defined region such as baggage, purse, dangerous materials
Object Removal	Objects removed from 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 counted and shown on screen in real time)
General	
Operating Conditions	-40° F to 140° F (-40° C to 60° C) Humidity 95% or less (non-condensing)
Power	24 VAC ±10%, PoE (802.3at)
Power Consumption	18 W maximum
IR Range	2.8 mm to 12 mm: 164.04' (50 m)/8 mm to 32 mm: 328.08' (100 m)
Ingress Protection	IP67
Dimensions	3.93" x 4.09" x 12.28" (100 mm × 103.9 mm × 311.8 mm)
Weight	4.41 lbs (2000 g)