

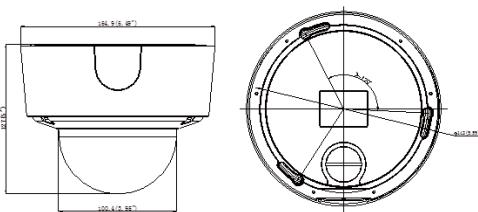
## DS-2CD4535FWD-IZH Series 3 MP WDR Outdoor Dome Camera



### Key Features

- Up to 2048 x 1536 High Resolution
- Full HD1080p Video
- Smart Codec
- 120 dB WDR, 3D DNR
- Triple Streams
- On-Board Storage, up to 128 GB
- Smart Focus: Motorized VF Lens  
Intrusion Detection
- Built-In Heater
- Audio/Alarm IO/RS-485
- 8 mm to 32 mm Motorized VF Lens optional
- People Counting
- IP66 and Vandal Resistant

### Dimensions



### Order Model

DS-2CD4535FWD-IZH, 2.8 mm to 12 mm lens  
DS-2CD4535FWD-IZH8, 8 mm to 32 mm lens

DS-2CD4535FWD-IZH	
<b>Camera</b>	
Image Sensor	1/2.8" 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
Lens	2.8 mm to 12 mm @ f/1.4 motorized VF lens 8 mm to 32 mm @ f/1.4 motorized VF lens optional
Auto Iris	DC drive
Day/Night	IR cut filter with auto switch
Digital Noise Reduction	3D DNR
Wide Dynamic Range	120 dB
<b>Compression Standard</b>	
Video Compression	H.264+/H.264/MJPEG/MPEG-4
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.726)/32 to 128 Kbps (MP2L2)
<b>Image</b>	
Maximum Resolution	2048 x 1536
Frame Rate	30 @ 2048 x 1536 (45 @ 2048 x 1536, 60 @ 1920 x 1080 with WDR off)
Defog	Supported
Day/Night Switch	Auto/schedule/triggered by alarm in
Picture Overlay	24-bit BMP format overlay, zone optional
ROI	Supported
<b>Network</b>	
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
Communication Interface	1 RJ-45 10/100/1000M Ethernet interface
<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 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 (objects are counted as they enter and leave an area and are shown on screen in real time)
<b>General</b>	
Operating Conditions	-40° C to 60° C, humidity 95% or less (non-condensing)
Power Supply	12 VDC/24 VAC/PoE+ (802.3at)
Power Consumption	Maximum 17.5 W
IR Range	40 m (2.8 mm to 12 mm)/50 m (8 mm to 32 mm)
Ratings	IP66, UL Listed
Impact Protection	IEC600068-2-75Eh, 20J; EN50102, up to IK10
Dimensions	Φ64.9 mm × 127 mm (Φ49" × 5")
Weight	2100 g (4.62 lbs.)