HIKVISION®

DS-2CD4A24FWD-IZH
2 MP Smart IP Outdoor Bullet Camera

smart IPC

- 1/2.8" Progressive Scan CMOS
- Full HD1080p Video
- Up to 60 fps Frame Rate
- Slow Shutter
- 120 dB WDR
- 3D DNR
- Smart Heater
- 128 GB On-Board MicroSD Storage
- 12 VDC/PoE (802.3at)

Hikvision's DS-2CD4A24FWD-IZH Smart IP camera is designed to capture high quality color images in low-light environments and supports full HD, high frame rate resolution up to 60 fps, 120 dB WDR, PoE, defogging, 3D DNR, and a complete Smart Feature set that meets a wide variety of applications.

Smart functions include Smart Detection (intrusion, line crossing, object left/removed, enter/leave area, scene change, audio surge, audio loss, defocus, face and object counting), Smart Codec (smart recording with dual VCA, low bitrate, low latency, ROI enhancement, multi-stream, rotate mode, and edge recording), and Smart Image Control that supports distortion correction.
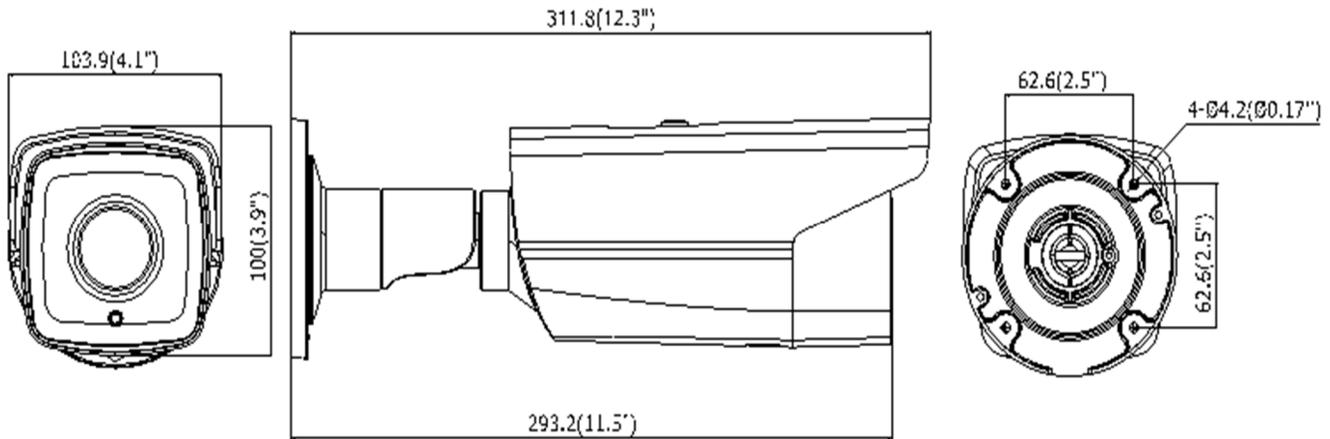
Available Model:

DS-2CD4A24FWD-IZH: IR, zoom, and heater

Specifications

DS-2CD4A24FWD-IZH	
Camera	
Image Sensor	1/2.8" progressive scan CMOS
Minimum Illumination	0.007 lux @ (f/1.4, AGC on), 0 lux with IR
Shutter Speed	1/3 s to 1/100,000s
Slow Shutter	Supported
Lens Mount	AF automatic focusing and motorized zoom lens
Lens	4.7 mm to 94 mm @ f/1.4, viewing angle: 53.8° to 3.1°
Auto-Iris	DC drive
Day/Night	IR cut filter with auto switch
WDR	120 dB
Compression Standard	
Video Compression	H.264+/H.264/MJPEG/MPEG4
H.264 Type	Baseline Profile/Main Profile/High Profile
Video Bit Rate	32 Kbps to 16 Mbps
Image	
Maximum Resolution	1920 × 1080
Frame Rate	60 Hz: 60 fps (1920 × 1080)/(1280 × 960)/(1280 × 720)
Third Stream	Independent with Main Stream and Sub Stream, up to 50 Hz: 1 fps (1920 × 1080); 60 Hz: 1 fps (1920 × 1080)
Image Enhancement	EIS/BLC/3D DNR/ROI/defogging
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or Web browser
Distortion Correction	Supported
Regional Cropping	Supported
Day/Night Switch	Auto/schedule
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 Triggers	Motion detection, 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 (Profile S, Profile G), PSIA, CGI, ISAPI
Interface	
Communication Interface	1 RJ-45 10M/100M/1000M Ethernet port
On-Board Storage	Built in microSD/SDHC/SDXC slot, up to 128 GB
Reset Button	Yes
Smart Features	
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 from a pre-defined virtual region
Unattended Baggage	Objects such as luggage, purses, or dangerous materials left in a pre-defined region
Object Removal	Objects such as exhibits on display removed from a pre-defined region
Exception Detections	Scene change, sudden audio increase/decrease, audio-loss, defocus
Recognition	Face detection recognition
Statistics	Object counting (entering and exiting objects are counted, with count shown on screen in real time)
General	
Protection Level	IP67
IR Range	394 ft (120 m)
Operating Conditions	-40° to 140° F (-40° to 60° C). Humidity 95% or less (non-condensing)
Power Supply	12 VDC ±10%, PoE (802.3at)
Power Consumption	DC: 10.8 W, PoE: 14 W
Dimensions	3.94" × 4.09" × 12.28" (100 mm × 103.9 mm × 311.8 mm)
Weight	4.41 lbs (2000 g)

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Dimensions

311.8(12.3")
103.9(4.1")
100(3.9")
293.2(11.5")
62.6(2.5")
4-Ø4.2(Ø0.17")
62.6(2.5")

Accessories (Not Included)

PM Pole Mount	CM Corner Mount

Box Contents (Subject to Change without Notice)

CB130 Backbox
Machine Screws
Quick Start Guide
Screws
Watertight Cable Connector
Wrench

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