

DS-2DE2A404IW-DE3/W(S6) 4 MP 4× IR PTZ Network Wi-Fi Camera

















Hikvision DS-2DE2A404IW-DE3/W(S6) 4 MP 4× IR PTZ Network Wi-Fi Camera can be widely used in indoor scenes, such as corridor, office, factory, convenience store, and restaurant.

- High quality imaging with 4 MP resolution
- Excellent low-light performance via powered-by-DarkFighter technology
- Clear imaging against strong back lighting due to 120 dB
 WDR technology
- Pan and tilt ability enables camera to monitor zones of interest
- 4x optical zoom allows for closer viewing of subjects in expansive areas
- Up to 20 m IR range ensures safety at night
- Water and dust resistant (IP66) and vandal proof (IK10)
- Supports Wi-Fi connection and easy installation





- DORI

The DORI (detect, observe, recognize, identify) distance gives the general idea of the camera ability to distinguish persons or objects within its field of view.

It is calculated based on the camera sensor specification and the criteria given by EN 62676-4: 2015.

DORI	Detect	Observe	Recognize	Identify
Definition	25 px/m	63 px/m	125 px/m	250 px/m
Distance (Tele)	180 m (590.6 ft)	71.4 m (234.3 ft)	36 m (118.1 ft)	18 m (59.1 ft)

• Specification

Image Sensor 1/2.8" Progressive Scan CMOS Max. Resolution 2560 x 1440 Min. Illumination Color: 0.005 Lux @ (F1.5, AGC ON), B/W: 0.001 Lux @ (F1.5, AGC ON), 0 Lux with IR Shutter Speed 1/1 s to 1/30,000 s Day & Night IR cut filter Zoom 4x optical, 16x digital Slow Shutter Yes Eens Pocal Length FOcal Length 2.8 to 12 mm FOV Horizontal FOV 96.7" to 31.6", vertical FOV 51.1" to 17.7", diagonal FOV 115.1" to 36.3" Focus Auto, semi-auto, manual Aperture Max. F1.5 Zoom Speed Approx. 2 s Illuminator Supplement Light Type IR Supplement Light Type IR Supplement Light Range IR Distance: up to 20 m Smart Supplement Light Yes Movement Range (Pan) 0" to 355" Movement Range (Pan) 0" to 355" Movement Range (Tilt) 0" to 355" Movement Range (Tilt) 0" to 90" Pan Speed Tilt speed: configurable from 0.1" to 100"/s, preset speed: 100"/s	Camera Module		
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50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720);	Power-off Memory	Yes	
Main Stream	Video		
60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)	Main Stream	50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720);	
	IVIAIII SU CAIII	60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)	



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Sub-Stream	50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288);	
	60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240)	
Third Stream	50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288);	
	60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240)	
\(\text{i}\)	Main stream: H.265+/H.265/H.264+/H.264	
Video Compression	Sub-stream: H.265/H.264/MJPEG	
	Third stream: H.265/H.264/MJPEG	
H.264 Type	Baseline Profile/Main Profile/High Profile	
H.265 Type	Main profile	
Scalable Video Coding (SVC)	H.264 and H.265 encoding	
Region of Interest (ROI)	8 fixed regions for each stream	
Audio		
Audio Compression	G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM/AAC	
Audio Bit rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/32Kbps(PCM)/16	
Addio Bit rate	-64Kbps(AAC)	
Audio Sampling Rate	AAC: 16 kHz, 32 kHz, 48 kHz; MP2L2: 16 kHz, 32 kHz, 48 kHz; PCM: 8 kHz, 16 kHz, 32	
Addio Sampling Nate	kHz, 64 kHz	
Environment Noise Filtering	Yes	
Network		
Drotocols	IPv4/IPv6, HTTP, HTTPS, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP,	
Protocols	RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour, Websocket, Websockets	
Simultaneous Live View	Up to 20 channels	
ADI	Open Network Video Interface (Version 18.12, Profile S, Profile G, Profile T), ISAPI, SDK,	
API	ISUP	
User/Host	Up to 32 users; 3 user levels: administrator, operator, and user	
	Password protection, complicated password, HTTPS encryption, watermark, IP address	
Security	filter, basic and digest authentication for HTTP/HTTPS, control timeout settings,	
	security audit log, TLS 1.2, host authentication (MAC address)	
Network Storage	NAS (NFS, SMB/CIFS), auto network replenishment (ANR)	
eu.	iVMS-4200, HikCentral Pro	
Client	*Wi-Fi connection with HikCentral Pro directly is not possible.	
Web Browser	IE 10-11, Chrome 57+, Firefox 52+, Safari 11+	
Wireless (Wi-Fi)		
Encryption Mode	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK	
Wi-Fi Protocols	IEEE802.11b, 802.11g, 802.11n	
Frequency Range	2.4 GHz - 2.4835 GHz	
Channel Bandwidth	20/40 MHz	
	802.11b: CCK, DQPSK, DBPSK	
Modulation	802.11g: OFDM/64-QAM, 16-QAM, QPSK, BPSK	
	802.11n: OFDM/64-QAM, 16-QAM, QPSK, BPSK	
	802.11b: 11, 5.5, 2, 1 Mbps	
Transfer Rate	802.11g: 54, 48, 36, 24, 18, 12, 9, 6 Mbps	
	802.11n: mcs0 - msc7	
Image		
Image Parameters Switch	Yes	
mage i arameters switch	100	



Image Settings	Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by	
mage Settings	client software or web browser	
Day/Night Switch	Day, Night, Auto, Schedule	
Wide Dynamic Range (WDR)	120 dB	
SNR	>52 dB	
Defog	Digital defog	
Image Enhancement	BLC, HLC, 3D DNR	
Privacy Mask	24 programmable polygon privacy masks, mask color or mosaic configurable	
Regional Focus	Yes	
Regional Exposure	Yes	
Interface		
Ethernet Interface	1 RJ45 10M/100M self-adaptive Ethernet port	
On-board Storage	Built-in memory card slot, support microSD/SDHC/SDXC card, up to 256 GB	
Built-in Microphone	1 built-in microphone, picking up sounds in the radius up to 5 meters	
Adi a	1 input (line in), max. input amplitude: 2-2.4 vpp, input impedance: 1 K Ω ± 10%;	
Audio	1 output (line out), line level, output impedance: 600Ω	
Reset	Yes	
Power Output	12 VDC, max. 60 mA	
Event		
Basic Event	Motion detection, video tampering alarm, exception	
	Face detection, line crossing detection, intrusion detection, region entrance detection	
Smart Event	region exiting detection, unattended baggage detection, object removal detection,	
	audio exception detection	
Alarm Linkago	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger	
Alarm Linkage	recording, and PTZ actions (such as preset)	
General		
Power	12 VDC, Max. 11.2 W; PoE (802.3af)	
Dimension	Ø 130.7 mm × 101.7 mm (Ø 5.15" × 4.00")	
Weight	Approx. 530 g (1.17 lb.)	
Operating Condition	-20 °C to 60 °C (-4 °F to 140 °F). Humidity 90% or less (non-condensing)	
General Function	Mirror, password protection	
Approval		
Duataction	IP66 (IEC 60529-2013), IK10, TVS 4000V lightning protection, surge protection and	
Protection	voltage transient protection	

Available Model

DS-2DE2A404IW-DE3/W(C0) (S6)(C)

Typical Application

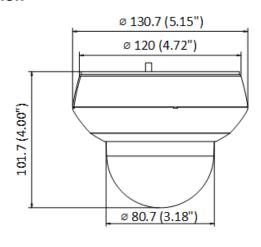
Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

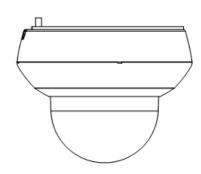
This model has NO SPECIFIC PROTECTION.

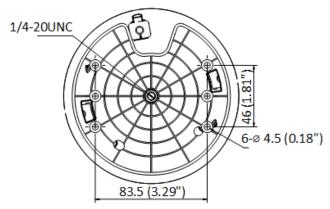


Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion
	protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate anti-corrosion
	demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away
	from coastlines, as well as areas affected by acid rain.
No specific protection	Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is needed.

Dimension







Unit: mm (inch)

Accessory

Optional



DS-1294ZJ-PT Wall Mount



DS-1297ZJ
Pendant Mount
(extendable)



DS-1299ZJ Pendant Mount



DS-1297ZJ-ES
Pendant Mount
(extendable)





DS-1297ZJ-M Pendant Mount (extendable)



MSA-C1500IC12.0-18P-US MSA-C1500IC12.0-18P-GB MSA-C1500IC12.0-18P-JP Power adapter



LAS60-57CN-RJ45 Hi-PoE Midspan