

DS-2DE3A404IW-DE/W(S6) 4 MP 4 × IR Wi-Fi Network PTZ Camera













Hikvision DS-2DE3A404IW-DE/W(S6) 4MP 4 \times IR Wi-Fi Network PTZ Camera can be widely used in multiple indoor and outdoor scenes, such as the corridor, office, convenience store, and restaurant, etc.

- 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
- 4 × optical zoom allows for closer viewing of subjects in expansive areas
- Up to 50 m IR range ensures safety at night
- Wi-Fi connection and easy installation
- Support audio visual alarm





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 (590.5 ft)	71.4 m (234.2 ft)	36 m (118.1 ft)	18 m (59.1 ft)

Specification

Camera		
Image Sensor	1/2.8" progressive scan CMOS	
Max. Resolution	2560 × 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 to 1/30,000 s	
Day & Night	IR cut filter	
Zoom	4 × optical, 16 × digital	
Lens		
Focal Length	2.8 to 12 mm	
	Horizontal field of view: 96.7° to 31.6° (wide-tele)	
FOV	Vertical field of view: 51.1° to 17.7° (wide-tele)	
	Diagonal field of view: 115.1° to 36.3° (wide-tele)	
Focus	Auto, semi-auto, manual	
Aperture	Max. F1.5	
Zoom Speed	Approx. 2 s (optical lens, wide-tele)	
Illuminator		
Supplement Light Range	IR distance: up to 50 m, white light distance: up to 6 m	
Smart Supplement Light	Yes	
PTZ		
Movement Range (Pan)	0° to 350°	
Movement Range (Tilt)	0° to 90°	
Pan Speed	Configurable, from 0.1°/s to 60°/s. Preset speed: 60°/s	
Tilt Speed	Configurable, from 0.1°/s to 50°/s. Preset speed: 50°/s	
Proportional Pan	Yes	
Presets	300	
Preset Freezing	Yes	
Patrol Scan	8 patrols, up to 32 presets for each patrol	
Park Action	Preset, patrol scan	
3D Positioning	Yes	
PTZ Status Display	Yes	
Scheduled Task	Preset, patrol scan, dome reboot, dome adjust, aux output	
Power-off Memory	Yes	
Video		
Main Straam	50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)	
Main Stream	60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)	



	50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288)	
Sub-Stream	60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240)	
	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288)	
Third Stream	60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)	
	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	
Video Bit Rate	32 Kbps to 16 Mbps	
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	
Audio Bit Rate	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 Kbps to 160 Kbps(MP2L2)	
Network		
	IPv4/IPv6, HTTP, HTTPS, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP,	
Protocols	RTP, TCP/IP, DHCP, PPPoE, Bonjour	
Simultaneous Live View	Up to 20 channels	
API	Open Network Video Interface, ISAPI, SDK, 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, RTP/RTSP over HTTPS, control	
	timeout settings, security audit log, TLS 1.2, host authentication (MAC address)	
Network Storage	NAS (NFS, SMB/CIFS), auto network replenishment (ANR)	
Client	iVMS-4200, HikCentral, Hik-Connect	
Web Browser	IE10-11, Chrome 57.0+, Firefox 52.0+, Safari 12+	
Wireless (Wi-Fi)		
Encryption Mode	64/128-bit WEP,WPA/WPA2,WPS	
Wi-Fi Protocols	IEEE802.11b, 802.11g, 802.11n	
Frequency Range	2.4 GHz - 2.4835 GHz	
Channel Bandwidth	20/40MHz	
	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	
Wireless Range	Up to 150 m (The performance varies based on actual environment)	
Antenna	Built-in 2 antennas	
Image		
Imaga Cattings	Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by	
Image Settings	client software or web browser	
Wide Dynamic Range (WDR)	120 dB	
Defog	Digital defog	



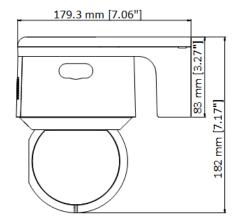
Image Enhancement	BLC, HLC, 3D DNR		
Privacy Mask	24 programmable polygon privacy masks, mask color configurable		
Regional Focus	Yes		
Regional Exposure	Yes		
Interface			
Ethernet Interface	1 RJ45 10M/100M self-adaptive Ethernet port		
On-board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB		
Built-in Microphone	1 built-in microphone		
Built-in Speaker	1 built-in speaker, 8 Ω, 2 W. Max sound pressure level: 100 dB (10 cm)		
Audio	1 input (line in), max. input amplitude: 2-2.4 vpp, input impedance: 1 K Ω ± 10%; 1		
Audio	output (line out), line level, output impedance: $600\ \Omega$		
Alarm	1 input, 1 output		
Power Output	12 VDC, max. 60 mA		
Event			
Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP		
Dasic Everit	address conflict, illegal login, HDD full, HDD error), alarm input and output		
	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 Linkage	Preset, patrol scan, upload to FTP/memory card/NAS, notify surveillance center, send		
Alaim Linkage	email, audible warning, flashing alarm		
General			
Power	12 VDC, 3.33 A & PoE (802.3at), 42.5 to 57 VDC, 0.6 A		
rowei	Max. 16 W (including max. 2.4 W for IR, 1.2 W for white light flashing)		
Dimension	179.3 mm × 120.5 mm × 182 mm (7.06" × 4.74" × 7.17")		
Weight	Approx. 1.125 kg (2.48 lb.)		
Material	ADC12 + PC		
Operating Condition	-30 °C to 65 °C (-22 °F to 149 °F). Humidity 90% or less (non-condensing)		
Approval			
Protection	IP66 (IEC 60529-2013), TVS 6000V lightning protection, surge protection and voltage		
	transient protection		

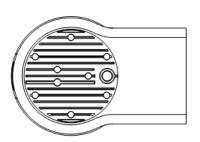
Available Model

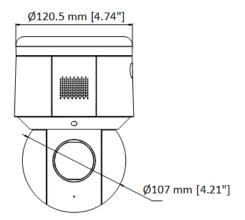
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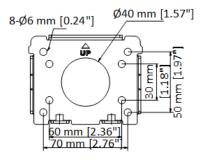


Dimension













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