DS-2DE2204IW-DE3(S6)
2 MP Network IR Mini PTZ Camera

WDR | **H.265** | **PoE** | **SD**

Hikvision DS-2DE2204IW-DE3(S6) 2 MP Network IR Mini PTZ Camera can be widely used in multiple indoor scenes, such as malls, stores, factories, entrances and exits.

- High quality imaging with 2 MP resolution
- Clear imaging against strong back light due to 120 dB WDR technology
- 4× optical zoom provides close up views over expansive areas
- Hik-Connect cloud service and APP for remote management and views of devices
- Expansive night view with up to 30 m IR distance
- Built-in microphone and speaker

▪ Specification

Camera Module	
Image Sensor	1/2.8" progressive scan CMOS
Min. Illumination	Color: 0.05 Lux @ (F1.8, AGC ON); B/W: 0.005 Lux @ (F1.8, AGC ON); 0 Lux with IR
Shutter Speed	1/1 to 1/30,000 s
Day & Night	ICR
Day/Night Switch	day, night, auto, scheduled-switch
BLC	yes
WDR	120 dB WDR
HLC	yes
3D DNR	yes
Defog	yes
Regional Exposure	yes
Image Settings	saturation, brightness, contrast, sharpness
Image Parameters Switch	yes
White Balance	Auto/Manual/ATW (Auto-tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp
Digital Zoom	16 ×
Privacy Mask	up to 24 masks (8 masks for each scene)
SNR	>52 dB
General Function	mirror, password protection, watermark, IP address filter
Lens	
Focal Length	2.8 to 12 mm, 4 × Optical
Zoom Speed	Approx. 2 s (wide-tele)
FOV	Horizontal field of view: 96° to 46° (Wide-Tele)
	Vertical field of view: 51° to 26° (Wide-Tele)
	Diagonal field of view: 112° to 55° (Wide-Tele)
Aperture	F1.8
PTZ	
Movement Range (Pan)	350°
Movement Range (Tilt)	0° to 90°
Pan Speed	pan speed: configurable from 0.1° to 60°/s; preset speed: 60°/s
Tilt Speed	tilt speed: configurable from 0.1° to 50°/s, preset speed 50°/s
Proportional Zoom	yes
Presets	300
Power-off Memory	yes
Park Action	preset, patrol scan
3D Positioning	yes
PTZ Status Display	yes
Preset Freezing	yes
Scheduled Task	preset, dome reboot, dome adjust, aux output
Video	
Max. Resolution	1920 × 1080
Stream Type	main stream, sub-stream, third stream

Main Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)
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 (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288); 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Video Compression	H.265, H.264, MJPEG
H.264+	yes
SVC	yes
ROI	yes
Audio	
Audio Compression	G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, AAC, PCM
Audio Bit rate	AAC: 16 kbps, 32 kbps, 64 kbps,MP2L2: 32 kbps, 40 kbps, 48 kbps, 56 kbps, 64 kbps, 80 kbps, 96 kbps, 112 kbps, 128 kbps, 144 kbps, 160 kbps, 192 kbps
Audio Sampling Rate	AAC: 16 kHz, 32 kHz, 48 kHz; MP2L2: 16 kHz, 32 kHz, 48 kHz; PCM: 8 kHz, 16 kHz, 32 kHz, 64 kHz
Environment Noise Filtering	yes
Smart Features	
Basic Event	motion detection, video tampering alarm, alarm input, alarm output, exception
Smart Event	intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, audio exception detection
Smart Record	ANR, Dual-VCA
Smart Encoding	H.265+, H.264+, low bit rate, ROI, SVC
Network	
Network Storage	NAS (NFS, SMB/ CIFS)
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour, Websocket, Websockets
API	ISAPI, Hikvision SDK, Hik-Connect, ISUP, Open Network Video Interface (Profile S, Profile G, Profile T)
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users. 3 levels: Administrator, Operator and User
Security Measures	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering
Web Browser	IE10+, Chrome57+, Firefox52+, Safari12+
Interface	
Communication Interface	RJ45, self-adaptive 10M/100M Ethernet port
On-board Storage	support microSD/microSDHC/microSDXC cards, up to 256 GB
Alarm Input	1 alarm input
Alarm Output	1 alarm output
Audio Input	1 built-in microphone,1 audio input, 2.0 to 2.4Vp-p, 1k Ohm±10%
Audio Output	1 built-in speaker, 1 audio output, line level, impedance: 600 Ω
Power Output	12 VDC, max. 60 mA
Supplement Light	
IR Distance	Up to 30 m

General	
Power	12 VDC, PoE (802.3at)
Power Consumption and Current	14 W
Operating Conditions	Temperature: -10°C to 50°C (14°F to 122°F), Humidity: ≤ 90%
Reset	yes
Dimensions	Ø125 × 136.7 mm (Ø 4.92" × 5.38")
Weight	Approx. 650 g (1.4 lb.)
Approval	
Protection	IP54, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection

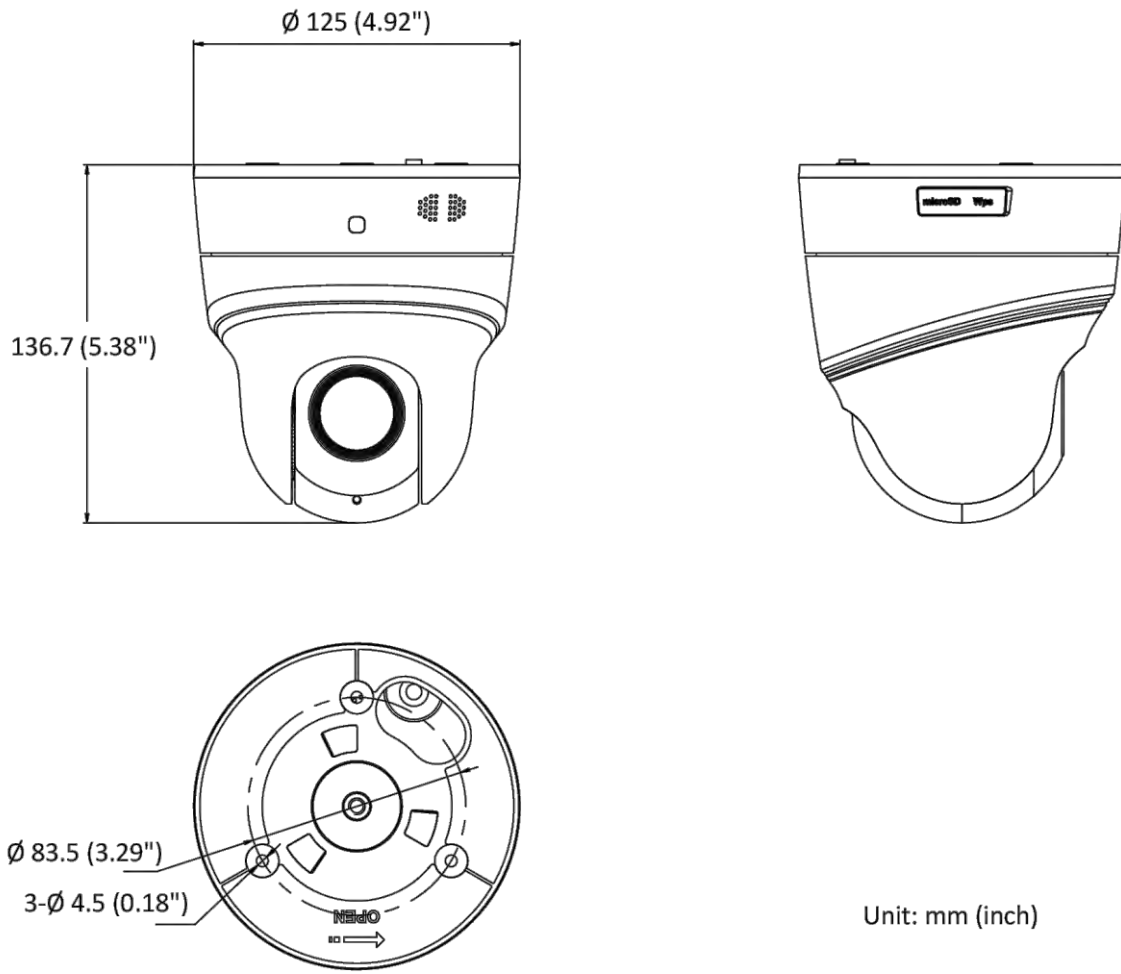## ▪ Available Model

DS-2DE2204IW-DE3(S6)(B)

▪ 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**

Ø 125 (4.92")

136.7 (5.38")

Ø 83.5 (3.29")

3-Ø 4.5 (0.18")

OPEN

Unit: mm (inch)

▪ **Accessory**

▪**Optional**

DS-1294ZJ

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