

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



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

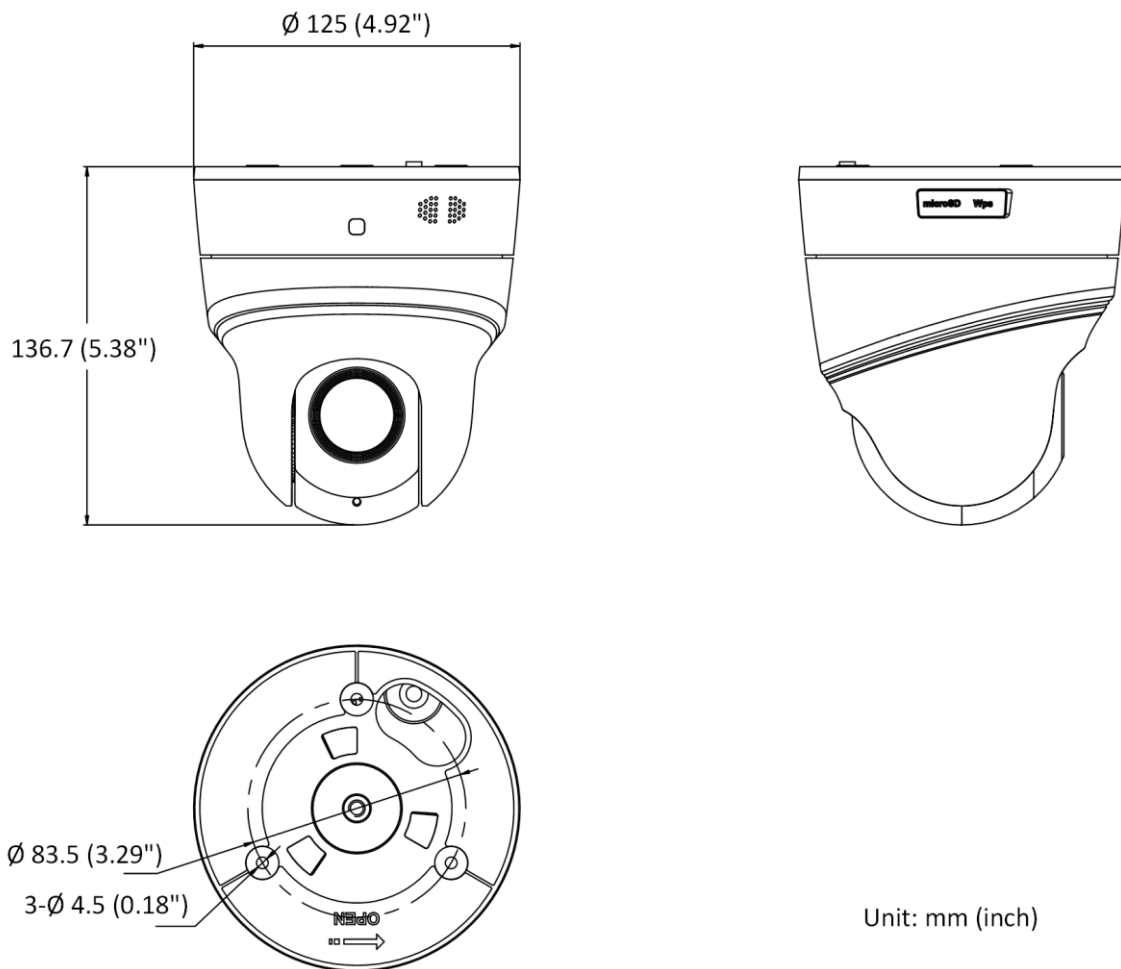
Main Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288); 60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240)
Third Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 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
<b>Audio</b>	
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
<b>Smart Features</b>	
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
<b>Network</b>	
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
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+
<b>Interface</b>	
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
<b>Supplement Light</b>	
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	4000V Lightning Protection, Surge Protection and Voltage Transient Protection

▪ **Available Model**

DS-2DE2204IW-DE3 (S6)

▪ **Dimension**



- **Accessory**
- **Optional**

**DS-1294ZJ**



Distributed by

**HIKVISION®****Headquarters**

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
overseasbusiness@hikvision.com

**Hikvision USA**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Australia**  
T +61-2-8599-4233  
salesau@hikvision.com

**Hikvision India**  
T +91-22-28469900  
sales@pramahikvision.com

**Hikvision Canada**  
T +1-866-200-6690  
sales.canada@hikvision.com

**Hikvision Thailand**  
T +662-275-9949  
sales.thailand@hikvision.com

**Hikvision Europe**  
T +31-23-5542770  
sales.eu@hikvision.com

**Hikvision Italy**  
T +39-0438-6902  
info.it@hikvision.com

**Hikvision Brazil**  
T +55 11 3318-0050  
Latam.support@hikvision.com

**Hikvision Turkey**  
T +90 (216)521 7070- 7074  
sales.tr@hikvision.com

**Hikvision Malaysia**  
T +601-7652-2413  
sales.my@hikvision.com

**Hikvision UK & Ireland**  
T +01628-902140  
sales.uk@hikvision.com

**Hikvision South Africa**  
Tel: +27 (10) 0351172  
sale.africa@hikvision.com

**Hikvision France**  
T +33(0)1-85-330-450  
info.fr@hikvision.com

**Hikvision Kazakhstan**  
T +7-727-9730667  
nikia.panfilov@hikvision.ru

**Hikvision Vietnam**  
T +84-974270888  
sales.vt@hikvision.com

**Hikvision UAE**  
T +971-4-4432090  
salesme@hikvision.com

**Hikvision Singapore**  
T +65-6684-4718  
sg@hikvision.com

**Hikvision Spain**  
T +34-91-737-16-55  
info.es@hikvision.com

**Hikvision Tashkent**  
T +99-87-1238-9438  
uzb@hikvision.ru

**Hikvision Hong Kong**  
T +852-2151-1761  
info.hk@hikvision.com

**Hikvision Russia**  
T +7-495-669-67-99  
saleru@hikvision.com

**Hikvision Korea**  
T +82-(0)31-731-8817  
sales.korea@hikvision.com

**Hikvision Poland**  
T +48-22-460-01-50  
info.pl@hikvision.com

**Hikvision Indonesia**  
T +62-21-2933759  
Sales.Indonesia@hikvision.com

**Hikvision Colombia**  
sales.colombia@hikvision.com