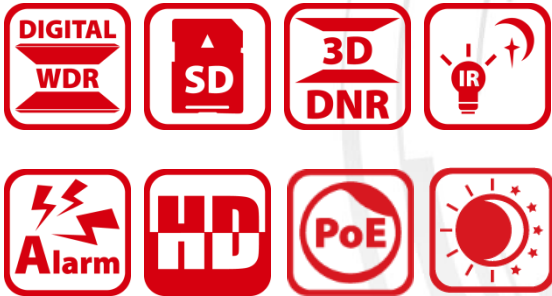


## DS-2DE2204IW-DE3/W 2MP 4×Network IR Wi-Fi PTZ Camera



Hikvision DS-2DE2204IW-DE3/W 2MP 4× Network IR Wi-Fi PTZ Camera adopts 1/2.8" progressive scan CMOS chip. With the 4× optical zoom lens, the camera offers more details in the indoor environments.

This series of cameras feature a wide range of functions, including intrusion detection, line crossing detection, audio exception detection, motion detection, and video tampering detection, benefitting users with great improvement on security efficiency.

### Key Features

- 1/2.8" progressive scan CMOS
- Up to 1920 × 1080 resolution
- Min. illumination:  
Color: 0.05 Lux @(F2.0, AGC ON)  
B/W: 0.005 Lux @(F2.0, AGC ON)  
0 Lux with IR
- 4× optical zoom, 16× digital zoom
- Digital WDR, 3D DNR, HLC, BLC, Smart IR
- Up to 20 m IR distance
- 12 VDC & PoE+ (802.3at, class4)
- Support Wi-Fi
- Support H.265+/H.265



## Specification

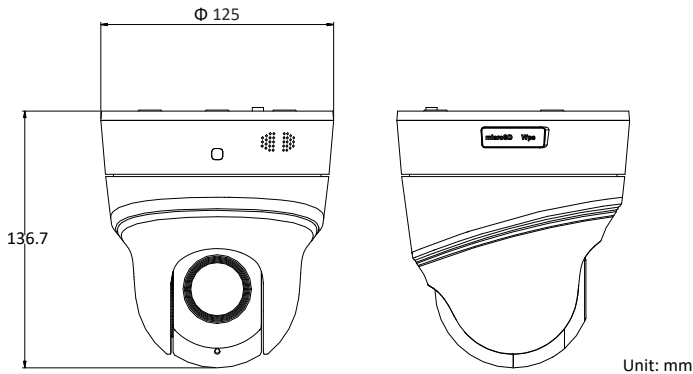
Camera Module	
<b>2MP 4× Network IR PTZ Camera</b>	
Image Sensor	1/2.8" progressive scan CMOS
Min. Illumination	Color: 0.05 Lux @(F2.0, AGC ON) B/W: 0.005 Lux @(F2.0, AGC ON) 0 Lux with IR
White Balance	Auto/Manual/ATW (Auto-tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp
AGC	Auto/Manual
Shutter Time	1/1 s to 1/30,000 s
Day & Night	IR Cut Filter
Digital Zoom	4×
Privacy Mask	8 programmable privacy masks
Focus Mode	Auto/Semi-automatic/Manual
Digital WDR	Support
Lens	
Focal Length	2.8 mm to 6 mm, 4× optical
Zoom Speed	Approx. 2 s (optical lens, wide-tele)
FOV	Horizontal field of view: 100° to 25° (wide-tele) Vertical field of view: 56.3° to 14.1° (wide-tele) Diagonal field of view: 114.7° to 28.7° (wide-tele)
Working Distance	10 mm to 1500 mm (wide-tele)
Aperture Range	F1.8 to F2.5
IR	
IR Distance	Up to 20 m
IR Intensity	Automatically adjusted, depending on the zoom ratio
PTZ	
Movement Range (Pan)	350°
Pan Speed	Configurable, from 0.1°/s to 60°/s Preset Speed: 60°/s
Movement Range (Tilt)	From 0° to 90°
Tilt Speed	Configurable, from 0.1°/s to 50°/s Preset Speed: 50°/s
Proportional Zoom	Support
Presets	300
Patrol Scan	8 patrols, up to 32 presets for each patrol
Pattern Scan	4 pattern scans, record time over 10 minutes for each scan
Power-off Memory	Support
Park Action	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan
PTZ Position Display	Support
Preset Freezing	Support
Scheduled Task	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Dome Reboot/Dome Adjust/Aux Output
Compression Standard	
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264 Sub-Stream: H.265/H.264/MJPEG Third Stream: H.265/H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile
H.264+	Support
H.265 Type	Main Profile

H.265+	Support
Video Bitrate	32 Kbps to 16384 Kbps
<b>Smart Feature</b>	
Basic Event Detection	Motion Detection, Video Tampering Detection
Smart Event Detection	Intrusion Detection, Line Crossing Detection, Audio Exception Detection
ROI encoding	Main stream, sub-stream and third stream respectively support two fixed areas.
<b>Image</b>	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1280 × 960, 1280 × 720)
Sub-Stream	50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)
Third Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Image Enhancement	HLC/BLC/3D DNR/Defog/EIS/Regional Exposure/Regional Focus
SVC	Support
<b>Network</b>	
Network Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIFS), ANR
Alarm Linkage	Alarm actions, such as Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card/NAS, Send Email, etc.
Protocols	IPv4/IPv6, HTTP, HTTPS, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour
API	Open-ended, support ONVIF, ISAPI, and CGI, support HIKVISION SDK and Third-Party Management Platform
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; IP address filtering
Client	iVMS-4200, iVMS-4500, iVMS-5200, Hik-Connect
Web Browser	IE 8+, Firefox 30+, Safari 8.0+ web browser
Wi-Fi	Support
<b>Interface</b>	
Alarm Input	1-ch alarm input
Alarm Output	1-ch alarm output
Audio Input	1-ch audio input
Audio Output	1-ch audio output
Network Interface	1 RJ45 10 M/100 M Ethernet Interface; PoE+ (802.3at, class4)
<b>General</b>	
Power	12 VDC and PoE+ (802.3at, class4) Max.: 9 W (IR light 3 W Max.)
Working Environment	Working Temperature: -10°C to 50°C (14°F to 122°F) Working Humidity: ≤ 90%
Protection Level	TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Material	ADC12 PC PC+ABS SUS304 POM
Dimensions	Φ 125 mm × 136.7 mm (Φ 4.92" × 5.38")
Weight	Approx. 0.65 kg (1.43 lb)

**Order Model**

DS-2DE2204IW-DE3/W, 12 VDC & PoE+ (802.3at, class4)

**Dimensions**



**Accessories**



DS-1294ZJ

Wall Mount



DS-1100KI

Network Keyboard



DS-1005KI

USB Joy-stick

Distributed by



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