HIKVISION

DS-2DE2204IW-DE3: PTZ Security Camera

General Information/Key Features

- UPC: 0049778983719
- Auto Gain Control
- Wide Dynamic Range
- Digital Noise Reduction
- Back Light Compensation

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DS-2DE2204IW-DE3

DS-2DE2204IW-DE3
2 MP Indoor 4x Network IR Mini PTZ Camera

- **1/2.8" Progressive Scan CMOS**
- **Up to 1920 x 1080 Resolution**
- **Minimum Illumination:**
  Color: 0.05 Lux @ (f/2.0, AGC on)
  B/W: 0.005 Lux @ (f/2.0, AGC on)
  0 Lux with IR
- **Up to 65 ft (20 m) IR Distance**
- **H.265+/H.265 Video Compression**
- **4x Optical Zoom, 16x Digital Zoom**
- **Electronic Image Stabilization**
- **Smart Detection: Line Cross, Intrusion, Region Enter/Exit**
- **Digital WDR, 3D DNR, HLC, BLC**
- **12 VDC (maximum 9 W); PoE+ (802.3at)**

Hikvision's DS-2DE2204IW-DE3 Value Series Network IR Mini PTZ Cameras are designed for indoor security applications.

The embedded 1/2.8" progressive scan CMOS chip makes DWDR and 1080p real-time resolution possible. IR capability up to 65 (20 ft) supports indoor viewing in low-light conditions.

The DS-2DE2204IW-DE3 IR Mini PTZ Camera also features a wide range of functions, including intrusion detection, line crossing detection, and audio exception, benefitting users with great improvements in security efficiency and, more importantly, with key events or objects recorded for further forensic needs.

Available models:
DS-2DE2204IW-DE3

Specifications

	DS-2DE2204IW-DE3
Camera Module	
Image Sensor	1/2.8" progressive scan CMOS
Minimum Illumination	Color: 0.05 lux @ (ƒ/2.0, AGC on), B/W: 0.005 lux @ (ƒ/2.0, AGC on)
Day/Night	IR cut filter
Focus Mode	Auto
Shutter Speed	1/1 to 1/10,000s
Digital Zoom	16x
White Balance	Auto/manual/ATW (auto tracking white balance)/indoor/outdoor/daylight lamp/sodium lamp
AGC	Auto/manual
Backlight Compensation	Yes
Wide Dynamic Range	Yes
DNR (Digital Noise Reduction)	Yes
Privacy Mask	8 programmable privacy masks
Lens	
Focal Length	2.8 mm to 12 mm, 4x
Field of View	100° to 25° (wide–tele)
Working Distance	10 mm to 1500 mm (wide–tele)
Zoom Speed	Approximately 2s (optical lens, wide–tele)
Aperture Range	ƒ/1.8 to ƒ/2.5
Smart	
Smart Detection	Intrusion, line crossing, audio exception, motion, and video tampering
Smart Recording	Edge storage, smart search in smart NVR, and VCA playback
Smart Image Enhancement	HLC
Smart Encoding	Low bitrate, and ROI (Region of Interest) encoding
Smart Alarm	Alarm for network disconnection, IP address conflict, HDD full, HDD error, and illegal login
Network	
Stream	Supports three streams
Main Stream	60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub Stream	60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240)
Third Stream	60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG
Audio Compression	G.711alaw/G.711ulaw/G.722/G.726/MP2L2/PCM
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, DHCP, PPPoE, Bonjour
API	ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK
Simultaneous Live View	Up to 20 users
User/Host	Up to 32 users, 3 levels: administrator, operator, and user
Security Measures	User authentication (ID and PW), host authentication (MAC address), IP address filtering, HTTPS encryption, and IEEE 802.1x port-based network access control
Pan and Tilt	
Movement Range	Pan: 350°, tilt: 0° to 90°
Movement Speed	Pan: 0.1° to 60°/s, tilt: 0.1°to 50°/s
Presets	300
Patrol	8 patrols, up to 32 presets per patrol
Park Action	Preset/patrol/auto scan/tilt scan/random scan/frame scan/panorama scan
Scheduled Task	Preset/patrol/auto scan/tilt scan/random scan/frame scan/panorama scan/dome reboot/dome adjust/aux output
Proportional Zoom	Yes
Power-off Memory	Yes
Position Display	On/off
IR	
IR Distance	Up to 65.6 ft (20 m)
Smart IR	Yes
System Integration	
Alarm I/O	1 alarm input, 1 alarm output
Alarm Linkage	Actions such as send e-mail, notify surveillance center, upload to FTP/memory card/NAS, trigger recording, etc.
Audio I/O	1 audio input, 1 audio output
Ethernet	1 RJ-45 10M/100M Ethernet interface
Memory Card	Built-in memory card slot, supports microSD/SDHC/SDXC, up to 128 GB
Client	iVMS-4200
Web Browser	IE 8 to 11, Chrome 31.0+, Firefox 30.0+, Edge 16.16299+
General	
Language (Web Browser Access)	32 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil)
Power	12 VDC and PoE (802.3af, class3), maximum: 9 W, including maximum 4 W for IR
Working Temperature	-14° to 122° F (-10° to 50° C)
Working Humidity	≤90% non-condensing
Protection Level	4,000 V lightning protection, and surge protection
Dimensions	Φ4.9" × 5.4" (Φ125 mm × 137.2 mm)
Weight	Approximately 1.4 lb (0.65 kg)

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Accessories

WM-C
Wall Mount
Compact

Dimensions

Φ 125

136.7

Unit : mm

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Rev. 092519NA