

DS-2DE4A204IW-DE

Value Series 2 MP Indoor/Outdoor Network IR PTZ Camera



- 1/1.9" Progressive Scan CMOS
- Up to 1920 × 1080 Resolution
- Ultra-Low Light
- 4x Optical Zoom, 16x Digital Zoom
- WDR, 3D DNR, HLC, Smart IR
- Basic Smart Suite Analytics
- Up to 164 ft (50 m) IR Distance
- H.265+ Video Compression Supported
- IP66 Protection
- 12 VDC and PoE+ (802.3at, class 4)



Available models:
DS-2DE4A204IW-DE

Hikvision DS-2DE4A204IW-DE Indoor / Outdoor Network IR PTZ Cameras are a versatile solution for all of your security needs. They feature a wide range viewing angle that captures images with a resolution of 1080p at up to 60 fps. The Network IR PTZ supports 4x optical and 16x digital zoom, and is equipped with an IR lamp with a range of up to 164 ft (50 m), which facilitates nighttime recording in ultra-low light conditions.



DS-2DE4A204IW-DE	
Camera Module	
Image Sensor	1/1.9" progressive scan CMOS
Minimum Illumination	Color: 0.002 lux @ (F1.6, AGC ON); B/W: 0.0002 lux @ (F1.6, 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 and Night	IR Cut Filter
Digital Zoom	16x
Privacy Mask	8 programmable privacy masks
Focus Mode	Auto / semi-automatic / manual
3D DNR	Supported
BLC	Supported
WDR	Supported
Regional Exposure	Supported
Regional Focus	Supported
Lens	
Focal Length	2.8 mm to 12 mm, 4x optical
Zoom Speed	Approximately 2.2 s (optical lens, wide-tele)
Field of View	90.1° to 31° (wide-tele)
Working Distance	10 mm to 1500 mm (wide-tele)
Aperture Range	F1.5 to F2.8
IR	
Operating Conditions	Up to 164 ft (50 m)
Power Supply	Automatically adjusted, depending on the zoom ratio
PTZ	
Movement Range (Pan)	360° endless
Pan Speed	Configurable, from 0.1°/s to 300°/s, preset speed: 350°/s
Movement Range (Tilt)	From -5° to 90°
Tilt Speed	Configurable, from 0.1°/s to 160°/s, preset speed: 200°/s
Proportional Zoom	Supported
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	Supported
Park Action	Preset / pattern scan / patrol scan / auto scan / tilt scan / random scan / frame scan / panorama scan
PTZ Position Display	ON / OFF
Preset Freezing	Supported
Scheduled Task	Preset / pattern scan / patrol scan / auto scan / tilt scan / random scan / frame scan / panorama scan / dome reboot / dome adjust
Features	
Smart Detection	Intrusion detection, line crossing detection, region exiting detection, region entrance detection
ROI encoding	Main stream, sub-stream and third stream respectively support two fixed areas
Network	
Maximum Resolution	1920 × 1080
Main Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720), 50fps (1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720), 60 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	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 with Baseline / Main / High Profile
Audio Compression	G.711 alaw / G.711 ulaw / G.722.1 / G.726 / MP2L2 / PCM
SVC	Supported
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, DHCP, PPPoE, Bonjour
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
System Integration	
Alarm Input	2-ch alarm input
Alarm Output	2-ch alarm output
Alarm Linkage	Alarm actions, such as preset, patrol scan, pattern scan, memory card video record, trigger recording, notify surveillance center, upload to FTP / memory card / NAS, send email, etc.
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)
Storage	Built-in memory card slot, support microSD/SDHC/SDXC, up to 128 GB; NAS (NPS, SMB/ CIFS), ANR
API	Open-ended, support ONVIF, PSIA and CGI, support HIKVISION SDK and Third-Party Management Platform
Client	iVMS-4200, iVMS-4500, iVMS-5200
Web Browser	IE 7+, Chrome 18+, Firefox 5.0 +, Safari 5.02+

General

Power	12 VDC and PoE+ (802.3at, class4), maximum: 18 W (IR light 5 W maximum)
Working Environment	Temperature: outdoor: -22° F to 149° F (-30° C to 65° C); Humidity: ≤ 90%
Protection Level	IP66; TVS 4000 V lightning protection, surge protection and voltage transient protection
Dimensions	Ø6.65" × 6.34" (169 mm × 161 mm)
Weight	Approximately 5.40 lbs (2.45 kg)

Accessories

							
PC-DE4A Pendant Cap for DE4A Series PTZs	RCM-DE4A Recessed Ceiling Mount for DE4A Series PTZs	CB-DE4A Conduit Base for DE4A Series PTZs	WML Long Wall Mount	PM Pole Mount Adapter	CM Corner Mount Adapter	CPM Ceiling Pendant Mount	CPME Ceiling Pendant Mount Extension Pipe

Dimensions

