PTZ-N4425I-DE

4-inch 4 MP 25X Powered by DarkFighter IR Network Speed Dome



- Four-inch 4 MP camera with pan, tilt and zoom (25x) ability
- Clear imaging against strong back light due to 120 true WDR technology
- Excellent night-time performance with up to 100 m enhanced IR
- Water and dust resistant (IP67).

▪ Specification

Lens	
FOV	Horizontal field of view: 59.5° to 2.6° (Wide-Tele),Vertical field of view: 35.7° to 1.5° (Wide-Tele),Diagonal field of view: 66.6 to 3.0° (Wide-Tele)
Focal Length	4.8 mm to 120 mm, 25× optical
Zoom Speed	Approx. 3.6 s (optical lens, wide-tele)
Working Distance	10 mm to 1500 mm (wide-tele)
Aperture Range	F1.6 to F3.5
Smart Features	
Basic Event Detection	Motion Detection, Video Tampering Detection, Exception Detection
Smart Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection
Smart Record	ANR (Automatic Network Replenishment), Dual-VCA
ROI	Main stream, sub-stream and third stream respectively support four fixed areas.
Network	
Security Measures	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering
Network Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIPS), ANR
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	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
Client	iVMS-4200, iVMS-4500, iVMS-5200, Hik-Connect
Web Browser	IE 8 to 11, Chrome 31.0 to 44, Firefox 30.0 to 51
Image	
Image Enhancement	HLC/BLC/3D DNR/Defog/EIS/Regional Exposure/Regional Focus
Sub-Stream	50Hz: 25fps (704 × 576, 640 × 480, 352 × 288),60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)
Max. Resolution	2560 × 1440
Main Stream	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720),50fps (1920 × 1080, 1280 × 960, 1280 × 720),60Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720),60fps (1920 × 1080, 1280 × 960, 1280 × 720)
Third Stream	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288),60Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Interface	
Audio Input	1-ch audio input (line in)
Audio Output	1-ch audio output (line out)
Network Interface	1 RJ45 10 M/100 M Ethernet, PoE+ (802.3 at, class4)
Camera Module	
AGC	Auto/Manual
Image Sensor	1/2.5" progressive scan CMOS

Min. Illumination	Color: 0.005 Lux @(F1.6, AGC ON),B/W: 0.001 Lux @(F1.6, AGC ON),0 Lux with IR
White Balance	Auto/Manual/ATW (Auto-Tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp
Shutter Time	1/1 s to 1/30,000 s
Day & Night	IR Cut Filter
Digital Zoom	16×
Privacy Mask	24 programmable privacy masks
Focus Mode	Auto/Semi-automatic/Manual
WDR	120 dB WDR
General	
Material	ADC 12, PC+10% GF
Dimensions	Φ 164.5 mm × 290 mm (Φ 6.48" × 11.42")
Weight	Approx. 2 kg (4.41 lb)
Protection Level	IP67 Standard, TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Power	12 VDC, 2.0 A and PoE (802.3 at), 42.5 to 57 VDC, 0.6 A, class4 Max.: 18 W (Max. 7W for IR)
Working Temperature	-30°C to 65°C (-22°F to 149°F)
Working Humidity	≤ 90%
Supplement Light	
IR Distance	100 m
Smart IR	Support
PTZ	
Movement Range (Pan)	360° endless
Pan Speed	Configurable, from 0.1°/s to 80°/s,Preset Speed: 80°/s
Movement Range (Tilt)	From -15° to 90° (Auto-flip)
Tilt Speed	Configurable, from 0.1°/s to 80°/s,Preset Speed: 80°/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 Status 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
Compression Standard	
H.264+	Support
H.265+	Support
H.264 Type	Baseline Profile/Main Profile/High Profile
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.265 Type	Main Profile
Video Bitrate	32 Kbps to 16384 Kbps

Audio Compression	G.711alaw/G.711ulaw/G.722/G.726/MP2L2/PCM
Audio Bitrate	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 Kbps to 160 Kbps (MP2L2)
SVC	Support

▪ 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.

▪ Available Model

PTZ-N4425I-DE(C)

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PTZ-N4425I-DE(HiLookNEU)

See Far, Go Further

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HiLook