PTZ-N2204I-DE3(G)

2-inch 2 MP 4x Powered by DarkFighter IR Network Speed Dome





- High quality imaging with 2 MP resolution
- Focuses on human and vehicle classification based on deep learning
- Excellent low-light performance via powered-by-DarkFighter technology
- 4x optical zoom allows for closer viewing of subjects in expansive areas
- Built-in microphone and speaker for real-time audio security
- Up to 20 m IR range ensures safety at night
- Water and dust resistant (IP66) and vandal proof (IK10)

▪ Specification

Lens	
FOV	Horizontal field of view: 99.4° to 30.6°, vertical field of view: 51.8° to 17.2°, diagonal field of view: 120° to 35.1°
Focal Length	2.8 mm to 12 mm, 4× optical zoom
Zoom Speed	Approx. 2 s (optical lens, wide-tele)
Working Distance	10 mm to 1500 mm (wide-tele)
Aperture Range	Max. F1.8
Smart Features	
Basic Event Detection	Motion Detection, Video Tampering Detection, Exception
Smart Detection	Line crossing detection,intrusion detection,region exiting detection,region entrance detection
Smart Record	NAS (NFS, SMB/CIFS), auto network replenishment (ANR)
ROI	1 fixed region for main stream
Network	
Security Measures	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, control timeout settings, security audit log, TLS 1.2, host authentication (MAC address)
Network Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB, NAS (NFS, SMB/CIFS), auto network replenishment (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	ONVIF (Profile S, Profile G, Profile T),ISAPI,SDK,ISUP
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users; 3 user levels: administrator, operator, and user
Client	No
Web Browser	Chrome80+, Firefox80+, Safari13+, Edge89+
Image	
Image Enhancement	BLC, HLC, 3D DNR
Sub-Stream	50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288); 60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240)
Max. Resolution	1920 × 1080
Main Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Third Stream	50Hz: 25fps (704 × 576, 640 × 480, 352 × 288), 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)
Interface	
Audio Input	1 input (line in), max. input amplitude: 2-2.4 vpp, input impedance: 1 KΩ ± 10%
Audio Output	1 output (line out), line level, output impedance: 600 Ω
Network Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Built-in Microphone	1 built-in microphone, picking up sounds in the radius up to 5 meters
Camera Module	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.005 Lux @ (F1.8, AGC ON),B/W: 0.001 Lux @ (F1.8, AGC ON),0 Lux with IR

White Balance	Auto/Manual/ATW (Auto-tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp
Gain	Auto/Manual
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-auto, manual
WDR	120 dB WDR
General	
Material	Aluminum alloy, PC, PC+ABS
Dimensions	Ø130.7 mm × 101.7 mm (Ø 5.15" × 4.00")
Weight	Weight: Approx. 560 g (1.23 lb.), With Package Weight: Approx. 780 g (1.72 lb.)
Protection Level	IP66 Standard, IK 10, TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Power	12 VDC, Max. 9.2 W; PoE (802.3af)
Working Temperature	-20°C to 60°C (-4°F to 140°F)
Working Humidity	≤ 90%
Supplement Light	
IR Distance	20 m
Smart IR	Support
PTZ	
Movement Range (Pan)	0° to 355°
Pan Speed	Configurable from 0.1° to 50°/s, preset speed: 50°/s
Movement Range (Tilt)	0° to 90°
Tilt Speed	Configurable from 0.1° to 50°/s, preset speed: 50°/s
Proportional Zoom	Support
Presets	300
Power-off Memory	Support
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.711,G.722.1,G.726,MP2L2,PCM,AAC-LC
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.

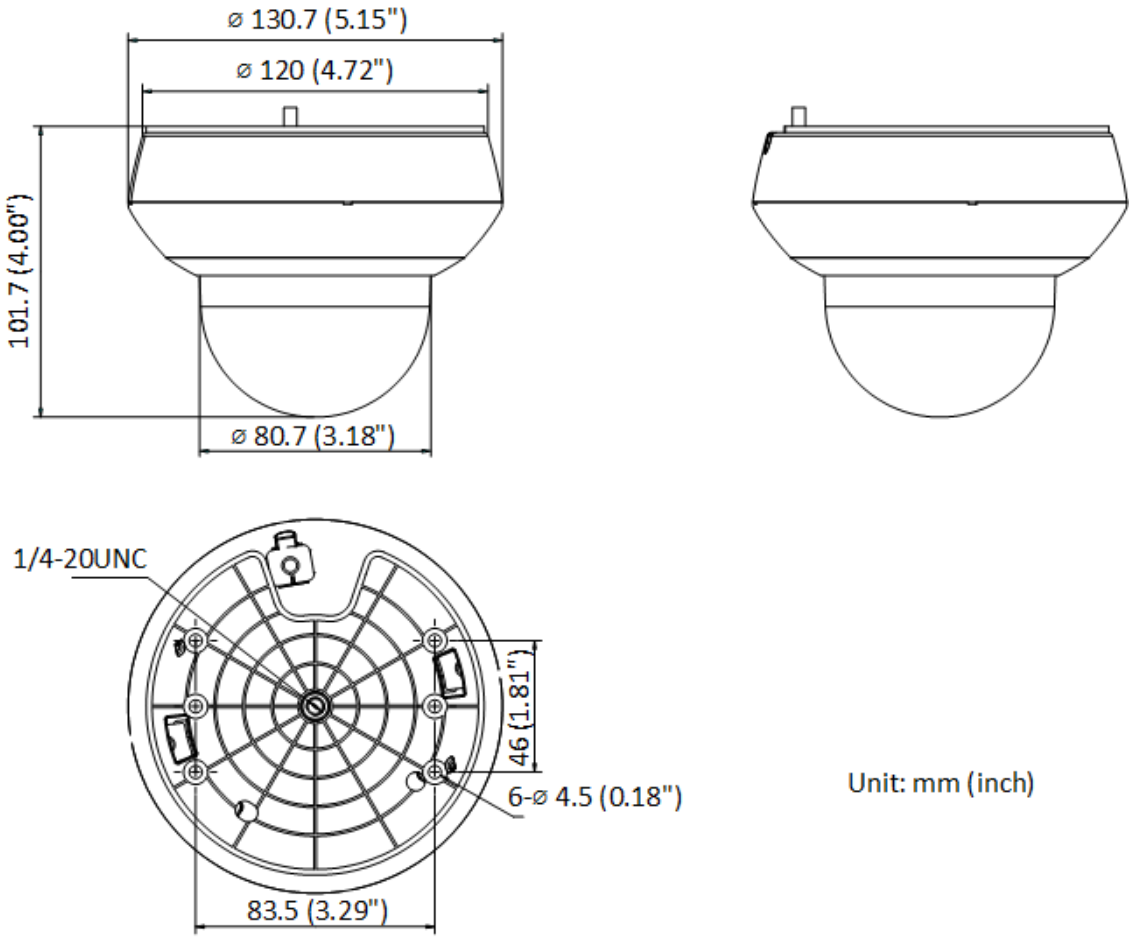
This model has NO SPECIFIC PROTECTION.

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

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▪ Dimension



▪ Accessory

▪ Optional

HIA-B404-PT


See Far, Go Further

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