

4 MP 4× IR PTZ Network Camera

FEATURES

- High quality imaging with 4 MP resolution
- Excellent low-light performance via powered-by-DarkFighter technology
- Clear imaging against strong back lighting due to 120 dB WDR technology
- Pan and tilt ability enables camera to monitor zones of interest
- 4x optical zoom allows for closer viewing of subjects in expansive areas
- Up to 20m IR range ensures safety at night
- Water and dust resistant (IP66) and vandal proof (IK10)



SPECS

- Image Sensor: 1/2.8" Progressive Scan CMOS
- Max. Resolution: 2560 × 1440
- Min. Illumination: Color: 0.005 Lux @ (F1.5, AGC ON), B/W: 0.001 Lux @ (F1.5, AGC ON), 0 Lux with IR
- Shutter Speed: 1/1 s to 1/30,000 s
- Day & Night: IR cut filter
- Zoom: 4x optical, 16x digital
- Slow Shutter: Yes
- Focal Length: 2.8 to 12 mm
- FOV: Horizontal FOV 96.7° to 31.6°, vertical FOV 51.1° to 17.7°, diagonal FOV 115.1° to 36.3°
- Focus: Auto, semi-auto, manual
- Aperture: Max. F1.5
- Zoom Speed: Approx. 2 s
- Supplement Light Type: IR
- Supplement Light Range: IR Distance: up to 20 m
- Smart Supplement Light: Yes
- IR Wavelength: 850 nm
- Movement Range (Pan): 0° to 355°
- Movement Range (Tilt): 0° to 90°
- Pan Speed: Pan speed: configurable from 0.1° to 100°/s; preset speed: 100°/s
- Tilt Speed: Tilt speed: configurable from 0.1° to 100°/s; preset speed 100°/s
- Proportional Zoom: Yes
- Presets: 300
- Preset Freezing: Yes
- Park Action: Preset
- 3D Positioning: Yes
- PTZ Status Display: Yes
- Scheduled Task: Preset, dome reboot, dome adjust
- Power-off Memory: Yes
- Main Stream: 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 30 fps (2560 × 1440, 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 (704 × 576, 640 × 480, 352 × 288); 60 Hz: 30 fps (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 Type: Baseline Profile/Main Profile/High Profile
- H.265 Type: Main profile
- Scalable Video Coding (SVC): H.264 and H.265 encoding
- Region of Interest (ROI): 8 fixed regions for each stream
- Audio Compression: G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM/AAC
- Audio Bit rate: 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/32Kbps(PCM)/16-64Kbps(AAC)
- Audio Sampling Rate: AAC: 16 kHz, 32 kHz, 48 kHz; MP2L2: 16 kHz, 32 kHz, 48 kHz; PCM: 8 kHz, 16 kHz, 32 kHz, 64 kHz
- Environment Noise Filtering: Yes
- 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, Websocket, Websockets
- Simultaneous Live View: Up to 20 channels
- API: Open Network Video Interface (Version 18.12, Profile S, Profile G, Profile T), ISAPI, SDK, ISUP
- User/Host: Up to 32 users; 3 user levels: administrator, operator, and user
- Security: 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: NAS (NFS, SMB/CIFS), auto network replenishment (ANR)
- Client: iVMS-4200, HikCentral Pro, Hik-Connect
- Web Browser: IE 10-11, Chrome 57+, Firefox 52+, Safari 11+
- Image Parameters Switch: Yes
- Image Settings: Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser
- Day/Night Switch: Day, Night, Auto, Schedule
- Wide Dynamic Range (WDR): 120 dB
- SNR: >52dB
- Defog: Digital defog
- Image Enhancement: BLC, HLC, 3D DNR
- Privacy Mask: 24 programmable polygon privacy masks, mask color or mosaic configurable
- Regional Focus: Yes
- Regional Exposure: Yes
- Ethernet Interface: 1 RJ45 10M/100M self-adaptive Ethernet port
- On-board Storage: Built-in memory card slot, support microSD/SDHC/SDXC card, up to 256 GB
- Built-in Microphone: 1 built-in microphone, picking up sounds in the radius up to 5 meters
- Audio: 1 input (line in), max. input amplitude: 2-2.4 vpp, input impedance: 1 K Ω \pm 10%; 1 output (line out), line level, output impedance: 600 Ω
- Reset: Yes
- Power Output: 12 VDC, max. 60 mA
- Basic Event: Motion detection, video tampering alarm, exception
- Smart Event: Face detection, line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, audio exception detection
- Alarm Linkage: Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, and PTZ actions (such as preset)
- Power: 12 VDC, Max. 9.2 W; PoE (802.3af)
- Dimension: \varnothing 130.7 mm \times 101.7 mm (\varnothing 5.15" \times 4.00")
- Weight: Approx. 530 g (1.17 lb.)
- Operating Condition: -20 °C to 60 °C (-4 °F to 140 °F). Humidity 90% or less (non-condensing)
- General Function: Mirror, password protection
- Protection: IP66 (IEC 60529-2013), IK10, TVS 4000V lightning protection, surge protection and voltage transient protection