



HDVIEW Camera

4MP 5-inch Active Deterrence Network PTZ Camera



Key Features

- 1/1.8" progressive scan CMOS, 4MP(2592×1520) @ 25/30fps
- 30x optical zoom, 16x digital zoom
- Support face, human and vehicle detection and capture
- Support smoke and fire detection as well as smart motion detection
- Auto tracking and perimeter protection based on deep learning
- Intelligent analysis: intrusion, single line crossing, double line crossing, loitering, wrong way, illegal parking and people counting
- True WDR, 3D DNR, ICR, Defog, Anti-shake
- Built-in Microphone and Speaker
- Smart IR distance up to 50 m (164 ft)
- Built-in SD card slot, up to 256GB
- IP66

Specification

| Camera | |
|----------------------------|---|
| Image Sensor | 1/1.8" Progressive Scan CMOS |
| Max. Resolution | 2592(H)×1520(V) |
| Electronic Shutter | Auto/Manual, 1/5~ 1/20,000s |
| Min. illumination | Color: 0.007 Lux @ (F1.6, AGC ON) B/W: 0.002 Lux @ (F1.6, AGC ON), 0 Lux with light |
| Day & Night | IR cut filter |
| Illumination Distance | IR distance up to 150 m (492.1 ft) |
| Illuminator On/Off Control | Auto/Manual |
| Lens | |
| Focal Length | 7 to 310 mm |
| Max. Aperture | F1.61 ~ F5.15 |
| Angle of View | H: 59.2° ~ 34.6°, V: 2.5° ~ 1.4° |
| Optical Zoom | 30x |
| Digital Zoom | 16x |
| Focus Control | Auto/Manual/Semi-automatic |
| PTZ | |
| Pan/Tilt Range | Pan: 0° ~ 360° endless, Tilt: -15° ~ +90° |
| Pan Speed | Pan speed: 0.1° to 180°/s, preset speed: 180°/s |
| Tilt Speed | Tilt speed: 0.1° to 90°/s, preset speed: 90°/s |
| Presets | 400 |
| Patrol Scan | 6 Track, 12 Scan, 12 Patrol (up to 32 presets each patrol) |
| Power-Off Memory | Support |
| 3D Positioning | Support |
| PTZ Status Display | Support |
| Idle Motion | The time can be set (1-240 minutes), and functions such as preset positions, patrols, scans, and tracks can be run. |
| Video | |
| Streaming Capability | 3 Streams |
| Stream/Frame Rate | Stream1: 2592×1520, 2560×1440, 2304×1296, 1920×1080, 1280×720 @ 25/30fps Stream2: D1, VGA, 640×360, CIF, QVGA @ 25/30fps Stream3: VGA, CIF, QVGA @ 25/30fps |
| Bit Rate Control | CBR/VBR |
| Bit Rate | Stream1: 200kbps~12Mbps Stream2: 100kbps~6Mbps Stream3: 100kbps~3Mbps |
| Smart Encoder | Support |
| Region of Interest (ROI) | Support |
| Image | |
| Image Adjustment | Brightness, Sharpness, Contrast, Saturation |
| Mirror | Support |
| Exposure Mode | Auto/Manual |
| White Balance | Auto/Manual |
| Day/Night Setting | Auto, Day, Night, Time |
| Smart IR | Support |
| Noise Reduction | 2D/3D DNR |
| Image Enhancement | HLC, BLC, Defog, Anti-shake |

| Wide Dynamic Range | True WDR |
|--------------------------|---|
| S/N Ratio | 55dB |
| Motion Detection | Support |
| Privacy Masking | Support 40 zones, mask color configurable |
| Audio | |
| Compression | G.711: 8kbps, RAW_PCM: 16kbps |
| Smart Function | |
| Multi-Object Detection | Support face, human, vehicle detection and capture |
| Intelligent Analysis | Intrusion, Single line crossing, Double line crossing, Loitering, Wrong way, Illegal parking, (support the accurate detection of vehicle and human) |
| Smoke and Fire Detection | Support |
| People Counting | Support |
| Smart Motion Detection | Support |
| Smart Tracking | Support |
| Active Deterrence | |
| Light Warning | Red and blue light warning Flash frequency: High, medium, low |
| Sound Warning | Sound warning alarm: Customizable voice and alarm sounds |
| Network | |
| Protocols | IPv4, IPv6, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS,, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS |
| Interoperability | ONVIF, SDK, CGI |
| Streaming Method | Unicast |
| Max. User Access | 10 Users |
| Web Viewer | <IE11, Chrome, Firefox, Microsoft Edge |
| Language | English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English |
| Interface | |
| Network Interface | 1 Ethernet (10/100 Base-T) RJ-45 Connector |
| Audio Interface | 1ch Input, 1ch Output |
| Built-in Microphone | Support |
| Built-in Speaker | Support |
| Alarm Interface | 2ch Input, 2ch Output |
| SD Card Slot | Built-in, up to 256GB |
| Reset Button | Built-in |
| Electrical | |
| Power Supply | AC24V/DC36V/POE+ (IEEE 802.3at) Standard Equipped: DC36V |
| Power Consumption | Less than ? W |
| Operating Temperature | -30°C ~ 60°C (-22°F ~ 140 °F) |
| Operating Humidity | Less than 90% RH |
| Ingress Protection | IP66 |
| Certifications | CE/FCC |
| Casing | Metal + Plastic |
| Dimensions | |
| Net Weight | |