

VPIP-5MIR30X-PRO

30x IR PTZ Network Camera



VEILUX[®]
The Art of Surveillance



Key Features

- 1/1.9-in. 5 MP Progressive Scan Exmor R CMOS Imager
- Powerful 30x Optical Zoom
- H.265 and H.264 Video Compression Encoding
- 5 MP @ 30 fps and 1080p @ 30/60 fps
- Supports High PoE
- Optional Auto-tracking and Intelligent Video System (IVS)
- Max. IR distance up to 200 m (656 ft)
- IP67 Environmental Protection Rating and IK10 Vandal Resistance



System Overview

The 5 MP IR PTZ Dome camera features a 1/1.9-in ExmorR CMOS images with a 30x optical zoom lens, and provides an all in one solution for capturing long-distance video surveillance for outdoor applications. The camera uses the H.265 video compression standard to improve encoding efficiency while preserving high-quality video. The PTZ camera is equipped with quick and accurate pan/tilt/zoom control and True WDR for applications with direct sunlight or glare.

Functions

Auto-tracking

This optional feature controls the pan/tilt/zoom actions of the camera to automatically track an object in motion and to keep it in the scene. The tracking action can be triggered manually or automatically by defined rules. Once a rule is triggered, the camera can zoom in and track the defined target automatically.

Defog

Utilizing advanced algorithm technology, the Defog feature dynamically adjusts the camera's contrast settings to provide improved image quality in scenes affected by fog, smog, mist, smoke or other low-contrast interference.

High Efficiency Video Coding (H.265)

The H.265 (ITU-T VCEG) video compression standard offers double the data compression ratio at the same level of video quality, or substantially improved video quality at the same bit rate, as compared to older video compression technologies. H.265 offers such impressive compression by expanding the pattern comparison and difference-coding, improving motion vector prediction and motion region merging, and incorporating an additional filtering step called sample-adaptive offset filtering.

Interoperability

The camera conforms to the ONVIF (Open Network Video Interface Forum) and to the PSIA (Physical Security Interoperability Alliance) specifications, ensuring interoperability between network video products regardless of manufacturer.

Environmental

With a temperature range of -40° C to +70° C (-40°F to +158° F), the camera is designed for extreme temperature environments.

Protection

This camera suits even the harsh conditions for outdoor applications. Its 8KV lightning rating provides protection against the camera and its structure from the effects of lightning. Subjected and certified to rigorous dust and immersion tests (IP67) and impact tests (IK10), the camera is the choice for installation in even the most unforgiving environments.

VPIP-5MIR30X-PRO

30x IR PTZ Network Camera



Technical Specifications

Camera

| | |
|----------------------|--|
| Image Sensor | 1/1.9-in. Exmor R CMOS |
| Effective Pixels | 2560(H) x 1920(V), 5 MP |
| RAM/ROM | 1024 MB / 128 MB |
| Scanning System | Progressive |
| Minimum Illumination | Color: 0.01 Lux at F1.5 0 Lux at F1.5 (IR on) |
| S/N Ratio | More than 55 dB |
| IR Distance | Distance up to 200.0 m (656.17 ft) |
| IR On/Off Control | Auto, Manual |
| IR LEDs | 10 |

Lens

| | |
|----------------------|---------------------------|
| Focal Length | 6 mm to 180 mm |
| Max. Aperture | F1.5 to F4.3 |
| Angle of View | Horizontal: 2.1° to 61.2° |
| Optical Zoom | 30x |
| Focus Control | Auto, Manual |
| Close Focus Distance | 100 mm to 1000 mm |

PTZ

| | |
|----------------------|--|
| Pan/Tilt Range | Pan: 0° to 360° endless Tilt: -20° to 90°, Auto Flip 180° |
| Manual Control Speed | Pan: 0.1° to 200° /s Tilt: 0.1° to 120° /s |
| Preset Speed | Pan: 240° /s Tilt: 200° /s |
| Presets | 300 |
| PTZ Mode | 5 Pattern, 8 Tour, Auto Pan ,Auto Scan |
| Speed Setup | Human-oriented Focal Length, Speed Adaptation |
| Power up Action | Auto restore to previous PTZ and lens status after power failure |
| Idle Motion | Activate Preset, Scan, Tour, or Pattern if there is no command in the specified period |
| Protocol | DH-SD, Pelco-P/D (auto recognition) |

Intelligence (optional)

| | |
|---------------|---|
| Auto Tracking | Support |
| IVS | Tripwire, Intrusion, Abandoned/Missing Object, Face Detection |

Video

| | | |
|----------------------|--------------|---|
| Compression | | H.265 / H.264 / MJPEG |
| Streaming Capability | | Three (3) Streams |
| Resolution | | 5 MP (2560 x 1920), 3 MP (2048 x 1536), 1080p (1920 x 1080), 1.3 MP (1280 x 960), 720p (1280 x 720), D1 (704 x 480), CIF (352 x 240) |
| Frame Rate | Main Stream | 5 MP, 3 MP, 1.3 MP, 720p at 30 fps or 1080p at 60 fps |
| | Sub Stream 1 | D1, CIF at 30 fps |
| | Sub Stream 2 | 5 MP at 20 fps or 1080p, 1.3 MP, 720p at 30 fps |

| | |
|------------------------|---|
| Bit Rate Control | CBR, VBR |
| Bit Rate | H.265 / H.264: 448 K to 8192 Kbps MJPEG: 5120 K to 10240 Kbps |
| Day/Night | Auto (ICR), Color, B/W |
| Backlight Compensation | BLC, HLC, Digital WDR |
| White Balance | Auto, ATW, Indoor, Outdoor, Manual |
| Gain Control | Auto, Manual |
| Noise Reduction | Ultra DNR (2D/3D) |
| Advanced Features | Motion Detection, Region of Interest, Electronic Image Stabilization (EIS), Defog |
| Digital Zoom | 16x |
| Flip | 180° |
| Privacy Masking | Up to 24 areas |

Audio

| | |
|-------------|--|
| Compression | G.711a, G.711Mu, AAC, G.722, G.726, MPEG2-L2 |
|-------------|--|

Network

| | |
|-------------------------|--|
| Ethernet | RJ-45 (10/100 Base-T) |
| Protocol | IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x |
| Interoperability | ONVIF, PSIA, CGI |
| Streaming Method | Unicast / Multicast |
| Max. User Access | 20 users |
| Edge Storage | NAS (Network Attached Storage) Local PC for Instant Recording Micro SD Card, maximum 128 GB |
| Web Viewer | IE 10, Firefox, Safari |
| Management Software | Smart PSS, DSS |
| Mobile Operating System | iPhone, iPad, Android, Windows Phone |

Certifications

| | |
|-------------------------------------|--|
| CE | EN 55032 EN 55024 EN 50130-4 |
| Electromagnetic Compatibility (EMC) | FCC Part 15 Subpart B ANSI C63.4-2014 |

Interface

| | |
|-----------------|--|
| Video Interface | One (1) BNC |
| Audio Interface | In: One (1) Channel Out: One (1) Channel |
| RS485 | One (1) |
| Alarm | In: Seven (7) Channels Out: Two (2) Channel |

Electrical

| | |
|-------------------|---------------------------|
| Power Supply | AC24V, 3 A (±25%), Hi-PoE |
| Power Consumption | 24 W,38 W with IR On |

VPIP-5MIR30X-PRO

30x IR PTZ Network Camera



VEILUX
The Art of Surveillance

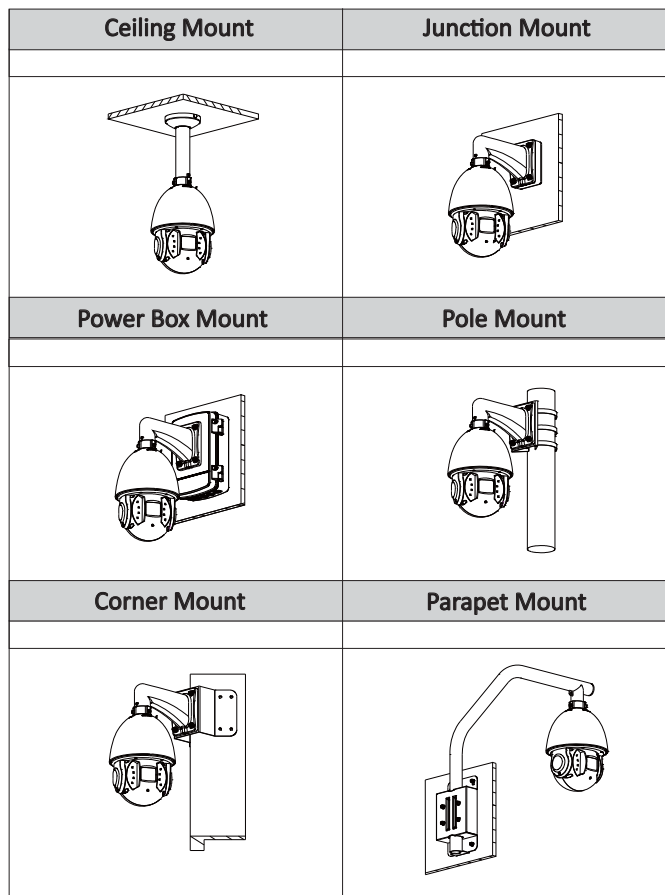
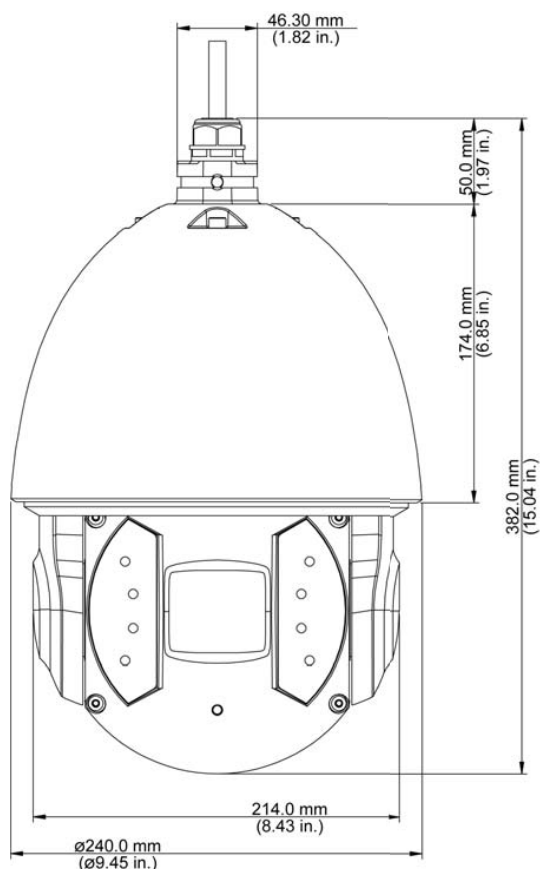
Environmental

| | |
|----------------------|--|
| Operating Conditions | -40° C to 70° C (-40° F to +158° F), Less than 95% RH |
| Ingress Protection | IP67 |
| Vandal Resistance | IK10 |

Construction

| | |
|--------------|---|
| Casing | Metal |
| Dimensions | Ø240.0 mm x 382.0 mm (9.45 in. x 15.04 in.) |
| Net Weight | 6.80 kg (14.99 lb) |
| Gross Weight | 10.10 kg (22.207 lb) |

Dimensions



Veilux Inc

802 Greenview Dr. Suite 200, Grand Prairie TX. 75050 USA
Toll Free: 1-800-510-6528 Direct: (+1) 214 635-4855 Fax:
(+1) 214 988-2858 sales@veilux.net www.veilux.net



MADE IN THE USA
With Foreign & Domestic Parts