

## 2MP Network PTZ Dome Camera EV-IP 2MP PTZ20



### Key Features

#### Optics

- 12x optical zoom
- Accurate and fast focusing
- Smart IR, up to 100m (328ft) IR distance

#### Compression

- 2 Megapixel image
- Ultra 265, H.265, H.264, MJPEG
- Triple streams
- Customized OSD

#### Network

- ONVIF Conformance

## Structure

- Innovative snow-removing functionality
- Intelligent temperature control technology
- 6KV surge protection designed for network interface
- IP66

## Specifications

| EV-IP 2MP PTZ20         |  |                  |                 |                 |                |
|-------------------------|--|------------------|-----------------|-----------------|----------------|
| Camera                  |  |                  |                 |                 |                |
| Sensor                  | 1/2.8", 2.0 megapixel, progressive scan, CMOS  |                  |                 |                 |                |
| Lens                    | 5.2 ~ 114.4mm, AF automatic focusing and motorized zoom lens   |                  |                 |                 |                |
| Digital Zoom            | 16   |                  |                 |                 |                |
| Optical Zoom            | 12   |                  |                 |                 |                |
| DORI Distance           | Lens (mm)  | Detect (m)       | Observe (m)     | Recognize (m)   | Identify (m)   |
|                         | 5.2  | 80.7(264.7ft)    | 32.3(105.9ft)   | 16.1(52.9ft)    | 8.1(26.5ft)    |
|                         | 114.4  | 1775.2(5824.1ft) | 710.1(2329.6ft) | 355.0(1164.8ft) | 177.5(582.4ft) |
| Angle of View (H)       | 53.4° ~ 2.7°   |                  |                 |                 |                |
| Angle of View (V)       | 32.3° ~ 1.5°   |                  |                 |                 |                |
| Angle of View (O)       | 60.3° ~ 3.1°   |                  |                 |                 |                |
| Shutter                 | Auto/Manual; shutter time: 1 ~ 1/100000s   |                  |                 |                 |                |
| Minimum Illumination    | Colour: 0.001 lux (F1.5,AGC ON)<br>0 lux with IR   |                  |                 |                 |                |
| Iris                    | Auto/Manual; F1.5 ~ F3.8   |                  |                 |                 |                |
| Day/Night               | IR-cut filter with auto switch (ICR)   |                  |                 |                 |                |
| Digital noise reduction | 2D/3D DNR  |                  |                 |                 |                |
| S/N                     | >52dB  |                  |                 |                 |                |
| IR Range                | up to 100m (328ft)   |                  |                 |                 |                |
| Defog                   | Digital Defog  |                  |                 |                 |                |
| WDR                     | 120dB  |                  |                 |                 |                |
| Video                   |  |                  |                 |                 |                |
| Video Compression       | Ultra 265, H.265, H.264, MJPEG   |                  |                 |                 |                |
| H.264 code profile      | Baseline profile, Main Profile, High Profile   |                  |                 |                 |                |
| Frame Rate              | Main Stream: 2MP (1920*1080), Max 60fps;<br>Sub Stream: 2MP (1920*1080), Max 60fps;<br>Third Stream: D1 (720*576), Max 60fps |                  |                 |                 |                |
| HLC                     | Supported  |                  |                 |                 |                |
| BLC                     | Supported  |                  |                 |                 |                |
| EIS                     | Supported  |                  |                 |                 |                |
| OSD                     | Up to 8 OSDs   |                  |                 |                 |                |
| Privacy Mask            | Up to 24 areas(Up to 8 blacks or 8 mosaic in the same picture)   |                  |                 |                 |                |

|                        |  |   |
|------------------------|--|---|
| ROI                    | Up to 8 areas  |   |
| Motion Detection       | Up to 4 areas  |   |
| <b>Smart</b>           |  |   |
| General Function       | Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication | Watermark, IP Address Filtering, Tampering Alarm, Access Policy, ARP Protection, RTSP Authentication, User Authentication |
| <b>Audio</b>           |  |   |
| Audio Compression      | G.711  | N/A   |
| Two-way audio          | Supported  | N/A   |
| Suppression            | Supported  | N/A   |
| Sampling Rate          | 8KHZ   | N/A   |
| <b>Storage</b>         |  |   |
| Edge Storage           | Micro SD, up to 256GB (Optional)   |   |
| Network Storage        | ANR (Optional)   |   |
| <b>Network</b>         |  |   |
| Protocols              | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP                 |   |
| Compatible Integration | ONVIF (Profile S, Profile G, Profile T), API   |   |
| <b>Pan &amp; Tilt</b>  |  |   |
| Pan Range              | 360° (endless)   |   |
| Pan Speed              | 2°/s ~ 75°/s   |   |
|                        | Preset speed: 180°/s   |   |
| Tilt Range             | -15° ~ 90° (auto reverse)  |   |
| Tilt Speed             | 2° ~ 75°/s   |   |
|                        | Preset speed: 80°/s  |   |
| Number of Presets      | 1024   |   |
| Patrol                 | Preset patrol, route patrol, recorded patrol   |   |
| Home Position          | Supported  |   |
| <b>Interface</b>       |  |   |
| Audio I/O              | Audio cable  | N/A   |
|                        | 1 Input: impedance 35kΩ; amplitude 2V [p-p]  |   |
|                        | 1 Output: impedance 600Ω; amplitude 2V [p-p]   |   |
| Alarm I/O              | 1/1  | N/A   |
| Serial Port            | N/A  | N/A   |
| Network                | 1 RJ45 10M/100M Base-TX Ethernet   |   |
| Video Output           | N/A  | N/A   |
| <b>General</b>         |  |   |
| Power                  | DC 12V±10%, PoE (PSE required)   | DC 12V±10%  |
|                        | Power consumption: 4~27.6W   | Power consumption: 4~23.5W  |
| Dimensions (Ø x H)     | Ø220 x 369mm (Ø8.7" x 14.5")   |   |
| Weight                 | 3.4kg (7.5lb)  | 3.3kg (7.3lb)   |
| Working Environment    | -40°C ~ 65°C (-40°F ~ 149°F), Humidity: ≤95% RH (non-condensing)   |   |
| Ingress Resistant      | IP66   |   |
| Reset Button           | Supported  |   |