

## 6MP Smart Dual Light Active Deterrence Pro AI Vari-Focal IPC with R&amp;B LED



- 6MP 1/2.7" CMOS Sensor
- Support H.264+, H.265+
- IR distance 40m, Warm light distance 40m
- Perimeter Protection, Face Detection, SMD, Smart Object Detection, People Counting
- Support Built-in Mic & Speaker
- Support Red and Blue LED Alarm, Sound Alarm, Arm and Disarm
- Supports max. 256 G Micro SD card
- 2.7 mm–13.5 mm 5x zoom lens
- 12 VDC/PoE power supply
- IP67 protection

| Camera                   |  |
|--------------------------|--|
| Image Sensor             | 1/2.7" CMOS  |
| Max. Resolution          | 6MP, 3072 (H) × 1944(V)  |
| Scanning System          | Progressive  |
| Electronic Shutter Speed | Auto/Manual 1/3 s–1/100,000 s  |
| Min. Illumination        | 0.001Lux(Illuminator off); 0Lux (Illuminator on)                                 |
| S/N Ratio                | > 56 dB  |
| Illumination Distance    | IR distance 40m, Warm light distance 40 m, Red and Blue Alarm light              |
| Illuminator Control      | Auto; Manual   |
| Lens                     |  |
| Lens Type                | Motorized Vari-Focal   |
| Focal Length             | 2.7 mm–13.5 mm   |
| Max. Aperture            | F1.6   |
| Field of View            | Horizontal: 99°–28°<br>Vertical: 71°–21°<br>Diagonal: 134°–35°                   |
| Intelligence             |  |
| Smart Motion Detection   | Yes  |
| Perimeter Protection     | Intrusion, Tripwire (Support the classification of Vehicle, Human and Non-Motor) |
| Face Detection           | Yes  |
| People Counting          | Yes  |
| Heat Map                 | Yes  |
| Video Metadata           | NA   |
| AI Search                | Work together with NVR   |
| Video                    |  |
| Compression              | H.264H; H.264M; H.264B; H.265  |
| Smart Compression        | H.264H+; H.264M+; H.264B+; H.265+  |

## Pro AI Series | IPC-EF3649G-ZAS-PV

|                     |  |
|---------------------|--|
| Video Frame Rate    | Main Stream: 6MP (1 fps–25/30 fps)                                       |
|                     | Sub Stream: D1 (1 fps–25/30 fps)   |
|                     | Third Stream: 720P (1 fps–25/30 fps)                                     |
| Stream Capability   | 3 Streams  |
| Bit Rate Control    | CBR/VBR  |
| Video Bit Rate      | H.264: 3 Kbps–20480 Kbps   |
|                     | H.265: 3 Kbps–20480 Kbps   |
| Day/Night           | Color/B/W  |
| BLC                 | Yes  |
| HLC                 | Yes  |
| WDR                 | 120 dB   |
| White Balance       | Yes  |
| Gain Control        | Auto/Manual  |
| Noise Reduction     | 3D NR  |
| Motion Detection    | OFF/ON (4 Areas, rectangular)  |
| Image Rotation      | 180°   |
| Mirror              | Yes  |
| Privacy Masking     | 4 Areas  |
| <b>Audio</b>        |  |
| Built-in Mic        | Yes  |
| Built-in Speaker    | Yes  |
| Two-way talk        | Yes  |
| Audio Compression   | G.711a; G.711Mu; G.726; G.726ASF   |
| <b>Alarm</b>        |  |
| Arming/Disarming    | Yes  |
| Sound Alarm         | Yes  |
| Light Alarm         | Red and Blue LED   |
| Alarm Event         | Disconnection; IP Conflict; No SD Card; Capacity Warning; SD Card Error  |
| <b>Network</b>      |  |
| Network             | RJ-45 (10/100 Base-T)  |
| SDK and API         | Yes  |
| Network Protocol    | TCP/IP;UDP;HTTP;IGMP;ICMP;DHCP;RTP/RTSP;DNS;DDNS;FTP;NTP;PPPOE;UPNP;SMTP |
| Interoperability    | ONVIF; CGI; P2P  |
| User/Host           | 20 (Total bandwidth: 80 M)   |
| Storage             | FTP; Micro SD card (support max. 256 G/FAT32)                            |
| Browser             | IE: IE8 and later; Chrome; Firefox                                       |
| Management Software | PC Software(SVMS), APP   |
| Mobile Client       | IOS; Android   |

This datasheet is subject to change without prior notice. Please contact us to get the latest datasheet.

## Pro AI Series | IPC-EF3649G-ZAS-PV

| Port                 |   |
|----------------------|---|
| Audio Input          | NA(1 channel optional)  |
| Audio Output         | NA(1 channel optional)  |
| Alarm Input          | NA(1 channel optional)  |
| Alarm Output         | NA(1 channel optional)  |
| Power                |   |
| Power Supply         | 12V DC ( $\pm 30\%$ )/PoE (802.3af)   |
| Power Consumption    | Basic: 2.8 W; Max. 6.5W   |
| Environment          |   |
| Operating Conditions | $-30^{\circ}\text{C}$ to $+60^{\circ}\text{C}$ ( $-22^{\circ}\text{F}$ to $+140^{\circ}\text{F}$ )/Less than 95% RH |
| Storage Conditions   | $-40^{\circ}\text{C}$ to $+60^{\circ}\text{C}$ ( $-40^{\circ}\text{F}$ to $+140^{\circ}\text{F}$ )                  |
| Protection Grade     | IP67  |
| Structure            |   |
| Casing               | Metal   |
| Dimensions           | 110 mm $\times$ $\Phi 122$ mm   |
| Net Weight           | 670g  |

### Camera Structure and Dimensions

