

## 5MP Smart Warm Light Active Deterrence Magic Color Pro AI Fixed-Focal IPC



- 5MP 1/1.8 CMOS Sensor
- Support H.264+, H.265+
- Warm Light distance 40m
- Perimeter Protection, Face Detection, SMD, Smart Object Detection, People Counting, Video Metadata
- Support Built-in Mic & Speaker
- Support Warm Light Alarm, Sound Alarm, Arm and Disarm
- Supports max. 256 G Micro SD card
- 2.8mm fixed lens (3.6mm/6mm optional)
- 12 VDC/PoE power supply
- IP67 protection

| Camera                   |                                                                                                                                                                    |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor             | 1/1.8" CMOS                                                                                                                                                        |
| Max. Resolution          | 5MP                                                                                                                                                                |
| Scanning System          | Progressive                                                                                                                                                        |
| Electronic Shutter Speed | Auto/Manual 1/3 s–1/100,000 s                                                                                                                                      |
| Min. Illumination        | 0.0002lux@F1.0 (Color, 30 IRE),0 lux (Illuminator on)                                                                                                              |
| S/N Ratio                | > 56 dB                                                                                                                                                            |
| Illumination Distance    | Warm Light distance 40m                                                                                                                                            |
| Illuminator Control      | Auto; Manual                                                                                                                                                       |
| Lens                     |                                                                                                                                                                    |
| Lens Type                | Fixed-Focal                                                                                                                                                        |
| Focal Length             | 2.8mm/3.6mm/6.0mm                                                                                                                                                  |
| Max. Aperture            | F1.0                                                                                                                                                               |
| 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           | Motor vehicle, non-motor vehicle, face, human detection;<br>For example: Human: Age, Bag, Hat, Pants Color, Pants Type, Gender, Clothing Color, Clothing, Umbrella |
| 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+                                                                                                                                  |
| Video Frame Rate         | Main Stream: 5MP (1 fps–25/30 fps)                                                                                                                                 |

## Pro AI Series | IPC-EF2532G-AS-S3

|                     |                                                                          |
|---------------------|--------------------------------------------------------------------------|
|                     | 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: 56 Kbps–8192 Kbps                                                 |
|                     | H.265: 56 Kbps–8192 Kbps                                                 |
| Day/Night           | Color/B/W                                                                |
| BLC                 | Yes                                                                      |
| HLC                 | Yes                                                                      |
| WDR                 | 140 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                                                                  |
| Audio               |                                                                          |
| Built-in Mic        | Yes                                                                      |
| Built-in Speaker    | Yes                                                                      |
| Two-way talk        | Yes                                                                      |
| Audio Compression   | G.711a; G.711Mu; G.726; G.726ASF                                         |
| Alarm               |                                                                          |
| Arming/Disarming    | Yes                                                                      |
| Sound Alarm         | Yes                                                                      |
| Light Alarm         | Yes                                                                      |
| Alarm Event         | Disconnection; IP Conflict; No SD Card; Capacity Warning; SD Card Error  |
| Network             |                                                                          |
| 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                                                             |
| Port                |                                                                          |

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

Pro AI Series | IPC-EF2532G-AS-S3

|                      |                                                   |
|----------------------|---------------------------------------------------|
| Audio Input          | NA                                                |
| Audio Output         | NA                                                |
| Alarm Input          | NA                                                |
| Alarm Output         | NA                                                |
| Power                |                                                   |
| Power Supply         | 12V DC (±30%)/PoE (802.3af)                       |
| Power Consumption    | Basic: 2.5 W; Max: 5.2W                           |
| Environment          |                                                   |
| Operating Conditions | −30°C to +60°C (−22°F to +140°F)/Less than 95% RH |
| Storage Conditions   | −40°C to +60°C (−40°F to +140°F)                  |
| Protection Grade     | IP67                                              |
| Structure            |                                                   |
| Casing               | Metal                                             |
| Dimensions           | 110 mm × Φ122 mm                                  |
| Net Weight           | 670g                                              |

Camera Structure and Dimensions

