

5MP Smart Hybrid Light Active Deterrence Pro AI Vari-Focal IPC with R&B



- 5MP 1/2.7" CMOS Sensor
- Support H.264+, H.265+
- IR distance 50m, Warm light distance 50m
- 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 | 5MP, 2880 (H) × 1620 (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 50m, Warm light distance 50m, Red and Blue 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° Vertical: 71°–21° Diagonal: 134°–35° |
| Iris Type | Auto |
| 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 |

Pro AI Series | IPC-BF3549E-ZAS-PV

| | |
|---------------------|--|
| Smart Compression | H.264H+; H.264M+; H.264B+; H.265+ |
| Video Frame Rate | Main Stream: 5MP (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 |
| 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 | Red and Blue LED light |
| 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 |

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

Pro AI Series| IPC-BF3549E-ZAS-PV

| | |
|----------------------|---|
| Mobile Client | IOS; Android |
| 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 (±30%)/PoE (802.3af) |
| Power Consumption | Basic: 2.8 W; Max. 6.5W |
| 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 | 244 mm × 77mm × 76mm |
| Net Weight | 830g |

Camera Structure and Dimensions

