# Ultra AI Series | IPC-EF5519M-AS-PV

## 5MP Smart Hybrid Light Active Deterrence Dark Killer Ultra AI IPC with R&B LED

- 5MP 1/1.8 CMOS Sensor
- Support H.264+, H.265+
- IR distance 40m, Warm light distance 40m
- Perimeter Protection, Face Detection, SMD, Smart Object Detection, People Counting, Video Metadata, Parking Space Detection
- Support Built-in Mic & Speaker
- Support Red and Blue LED 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, 2880 (H) × 1620 (V) |
| Scanning System | Progressive |
| Electronic Shutter Speed | Auto/Manual 1/3 s–1/100,000 s |
| Min. Illumination | 0.0006 lux@F1.6(F1.0 optional) (Color, 30 IRE),0.0004 lux@F1.6(F1.0 optional) (B/W, 30 IRE),0 lux (Illuminator on) |
| S/N Ratio | > 56 dB |
| Illumination Distance | IR distance 40m, Warm light distance 40m; Red and Blue light |
| Illuminator Control | Auto; Manual |

| Lens | |
|---|---|
| Lens Type | Fixed-Focal |
| Focal Length | 2.8mm/3.6mm/6.0mm |
| Max. Aperture | F1.6(F1.0 optional) |

| Intelligence | |
|---|---|
| Smart Motion Detection | Yes |
| Perimeter Protection | Intrusion, Tripwire; Loitering Detection; People Gathering; Parking Detection |
| Face Detection | Face detection; Track; Snapshot; Snapshot Optimization; |
| Parking Space Detection | Yes |
| Object Detection | Abandoned Object; Missing Object |
| People Counting | People Counting in area, exporting report (day/week/month) |
| Video Metadata | Motor Vehicle, Non-motor vehicle, Face, Human Body Detection; Info Collecting Motor Vehicle Attributes; Non-motor Vehicle Attributes; Human Body Attributes; Face Attributes; |
| Heat Map | Support |
| AI Search | Work together with NVR |

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

# Ultra AI Series | IPC-EF5519M-AS-PV

| Video | |
|---|---|
| Compression | H.264H; H.264M; H.264B; H.265  MJPEG (Customization) |
| Smart Compression | H.264H+; H.264M+;  H.264B+; H.265+ |
| Video Frame Rate | Main stream:5MP@(1–25/30 fps) |
| | Sub stream: D1@(1–25/30 fps) |
| | Third stream: 1080P(1–25/30 fps) |
| Stream Capability | 3 Streams |
| Bit Rate Control | CBR/VBR |
| Video Bit Rate | H.264: up to 16384 kbps |
| | H.265: up to 16384 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 | Red and Blue LED |
| 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** | |
| Audio Input | 1 channel (RCA port) |
| Audio Output | 1 channel (RCA port) |
| Alarm Input | 1 channel |
| Alarm Output | 1 channel |
| **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**