4MP Smart Dual Light Active Deterrence Dark Killer Ultra Al IPC with R&B LED



- 4MP 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 | 4MP, 2688 (H) × 1520 (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) | |
| Iris Type | Auto | |
| 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 | |

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

Ultra Al Series | IPC-E5412M-AS-FL

| Video Compression H.264H; H.264M; H.264B; H.265 MJPEG (Customization) Smart Compression H.264H; H.264M; H.264B; H.265 MJPEG (Customization) Video Frame Rate Main stream: 4MP@(1-25/30 fps) Video Frame Rate Sub stream: D18@(1-25/30 fps) Stream Capability 3 Streams Bit Rate Control CBR/V8R H.264: up to 16384 kbps Video Bit Rate H.264: 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 80° Mirror Yes Privacy Masking 4 Areas Audio Yes Built-in Mic Yes | Al Search | Work together with NVR | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------|--|
| Smart Compression H.264H+; H.264M+; H.265H+; L.265+ Wideo Frame Rate Sub stream: D1@(1-25/30 fps) Stream Capability 3 Streams Bit Rate Control CBR/VBR Video Bit Rate H.264: up to 16384 kbps HL265: up to 16384 kbps H.265: up to 16384 kbps BIC Yes HLC Yes WDR 140 dB White Balance Yes Gain Control Auto/Manual Noice Reduction 3D NR Motion Detection OFF/ON (4 Areas, rectangular) Wirror Yes Privacy Masking 4 Areas Audio Yes Built-in Mic Yes Built-in Mic Yes Built-in Speaker Yes Two way talk Yes Audio Compression G.711a; G.711Mu; G.726; G.726ASF Autrange/Disarming Yes Sound Alarm Yes Alarm Event Disconnection; IP Conflict; No SD Card; Capacity Warning; SD Card Error Network R.1-45 (10/100 Base-T) <th< td=""><td>Video</td><td></td></th<> | Video | | |
| Video Frame Rate Sub stream: 4MP@(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 H.266: 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 Yes Built-in Speaker Yes Built-in Speaker Yes Built-in Speaker Yes Suilt-in Speaker Yes Two-way talk Yes Built-in Speaker Yes Suilt-in Speaker Yes Suilt-in Mic Yes Built-in Speaker Yes Sound Alarm Yes < | Compression | H.264H; H.264M; H.264B; H.265 MJPEG (Customization) | |
| Video Frame Rate Sub stream: 1080P(1-25/30 fps) Stream Capability 3 Streams Bit Rate Control CBR/VBR Video Bit Rate H.264: up to 16384 kbps Day/Night Color/B/W BLC Yes HLC Yes MDR 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 Yes Built-in Mic Yes Built-in Speaker Yes Two way talk Yes Audio Compression G.711a; G.711Mu; G.726; G.726ASF Alarm Yes Light Alarm Red and Blue LED light Alarm Event Disconnection; IP Conflict; No SD Card; Capacity Warning; SD Card Error Network RJ-45 (10/100 Base-T) SDK and API Yes Network Protocol TCP/IP;UDP;HTTP;IGM | Smart Compression | H.264H+; H.264M+; H.264B+; H.265+ | |
| Stream Capability 3 Streams Bit Rate Control CBR/VBR Video Bit Rate H.264: 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) Mirror Yes Privacy Masking 4 Areas Audio Yes Built-in Mic Yes Built-in Mic Yes Ves Yes Tow-way talk Yes Audio Compression 6,711a; G.711Mu; G.726; G.726ASF Alarm Yes Sound Alarm Yes Sound Alarm Red and Blue LED light Alarm Event Disconnection; IP Conflict; No SD Card; Capacity Warning; SD Card Error Network RJ-45 (10/100 Base-T) SDK and API Yes Network Protocol TCP/IP; UDP; HTTP; IGMP; ICMP; DHCP; RTP; PLTP; DNS; DDNS; FTP; NTP | | Main stream:4MP@(1-25/30 fps) | |
| Stream Capability 3 Streams Bit Rate Control CBR/VBR Video Bit Rate H.264: 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 Yes Built-in Mic Yes Built-in Speaker Yes Yes Yes Audio Compression G.71a; G.711Mu; G.726; G.726ASF Alarm Yes Audio Compression G.71a; G.711Mu; G.726; G.726ASF Alarm 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 RJ-45 (10/100 Base-T) <t< td=""><td>Video Frame Rate</td><td>Sub stream: D1@(1-25/30 fps)</td></t<> | Video Frame Rate | Sub stream: D1@(1-25/30 fps) | |
| Bit Rate Control CBR/VBR Video Bit Rate H.264: 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 Yes Built-in Mic Yes Built-in Speaker Yes Two-way talk Yes Audio Compression G.711a; G.711Mu; G.726; G.726ASF Alarm 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 RI-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; UPPP; SMTP Network Pr | | Third stream: 1080P(1–25/30 fps) | |
| H.264 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 Autoise 4 Areas Privacy Masking 4 Areas Autoise 4 Areas Walti-in Mic Yes Built-in Mic Yes Built-in Speaker Yes Two-way talk Yes Autoio Compression 6.711a; G.711Mu; G.726; G.726ASF Alarm Yes Light Alarm Red and Blue LED light Alarm Event Disconnection; IP Conflict; No SD Card; Capacity Warning; SD Card Error Network RI-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 | Stream Capability | 3 Streams | |
| Video Bit Rate 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 Ves Built-in Mic Yes Built-in Speaker Yes Two-way talk Yes Audio Compression 6.711a; G.711Mu; G.726; G.726ASF Alarm Arming/Disarming Yes Yes Sound Alarm Yes Light Alarm Red and Blue LED light Alarmevent Disconnection; IP Conflict; No SD Card; Capacity Warning; SD Card Error Network RU-45 (10/100 Base-T) SDK and API Yes Network Protocol TCP/IP; UDP; HTTP; IGMP; ICMP; DHCP; RTP/RTSP; DNS; DDNS; FTP; NTP; PPDE; UPNP; SMTP Interpoperabilit | Bit Rate Control | CBR/VBR | |
| 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 Yes Built-in Mic Yes Built-in Speaker Yes Two-way talk Yes Audio Compression 6.711a; G.711Mu; G.726; G.726ASF Alarm Yes Sound Alarm 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 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; UPPP; SUPPP; SUPPP; SUPPP; SUPPP; SUPPP; SUPPP; SUPPP; SUPPP; SUPPPPPOE; UPPP; SUPPP; SUPPP; SUPPPPOE; UPPP; SUPPP; SUPPP; SUPPPPOE; UPPP; SUPPPPOE; UPPP; SUP | Video Pit Pate | H.264: up to 16384 kbps | |
| 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 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 | video Bit Kate | H.265: up to 16384 kbps | |
| 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 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 | Day/Night | Color/B/W | |
| 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 6.711a; 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 | BLC | Yes | |
| White Balance Gain Control Auto/Manual Noise Reduction Auto/Manual Noise Reduction OFF/ON (4 Areas, rectangular) Image Rotation IB0° Mirror Yes Privacy Masking 4 Areas Audio Built-in Mic Yes Built-in Speaker Yes Two-way talk Yes Audio Compression AJarm 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 RI-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 | HLC | 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 R.1-45 (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 | WDR | 140 dB | |
| 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 | White Balance | Yes | |
| 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 | Gain Control | Auto/Manual | |
| 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 | Noise Reduction | 3D NR | |
| 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 | Motion Detection | OFF/ON (4 Areas, rectangular) | |
| 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 | Image Rotation | 180° | |
| 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 | Mirror | Yes | |
| 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 | Privacy Masking | 4 Areas | |
| 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 Reed 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 | Audio | | |
| Two-way talk Audio Compression G.711a; G.711Mu; G.726; G.726ASF Alarm Arming/Disarming Yes Sound 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 | Built-in Mic | 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 | Built-in Speaker | Yes | |
| 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 | Two-way talk | Yes | |
| 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 | Audio Compression | G.711a; G.711Mu; G.726; G.726ASF | |
| Sound Alarm 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 | Alarm | | |
| Light Alarm Red and Blue LED light Alarm Event Disconnection; IP Conflict; No SD Card; Capacity Warning; SD Card Error 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 | Arming/Disarming | Yes | |
| Alarm Event Disconnection; IP Conflict; No SD Card; Capacity Warning; SD Card Error 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 | Sound Alarm | Yes | |
| 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 | Light Alarm | Red and Blue LED light | |
| 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 | Alarm Event | Disconnection; IP Conflict; No SD Card; Capacity Warning; SD Card Error | |
| 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 | Network | | |
| Network Protocol TCP/IP;UDP;HTTP;IGMP;ICMP;DHCP;RTP/RTSP;DNS;DDNS;FTP;NTP;PPPOE;UPNP;SMTP ONVIF; CGI; P2P | | | |
| Interoperability ONVIF; CGI; P2P | | | |
| | | | |
| User/Host 20 (Total bandwidth: 80 M) | | | |
| | User/Host | 20 (Total bandwidth: 80 M) | |

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

Ultra Al Series | IPC-E5412M-AS-FL

| 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



