4MP Smart Dual Light Active Deterrence Dark Killer Ultra Al Fixed-Focal IPC



- 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 White 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	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	
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-L

Video Fractor (Compression) H. 264H; H. 264M; H. 264B; H. 265 MJPEG (Customization) Smart Compression H. 264H; H. 264M; H. 264B; H. 265 H. 265 H. Main stream. 4MP@(1-25/30 fps) Video Frame Rate Sub stream: 1080P(1-25/30 fps) Stream Capability 3 Streams Bit Rate Control C8R/V8R Video Bit Rate H. 264: up to 16384 klbps H. 264: up to 16384 klbps H. 265: up to 16384 klbps Bit C Yes BIC Yes WDR 140 dB White Balance Yes Gain Control Auto/Manual Noise Reduction 30 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 Ves-way talk Yes Audio Compression 6,711a; G.711Mu; G.726; G.726ASF Alarm Yes Sound Alarm Yes	Al Search	Work together with NVR
Smart Compression H.264H+; H.264M+; H.264B+; H.265+ Wideo Frame Rate Sub stream: D0@(1-25/30 fps) Third stream: 1080P(1-25/30 fps) Stream Capability 3 Streams Bit Rate Control CBR/VBR Puber Bit Rate H.264: up to 16384 kbps Puber 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 Yes Built-in Mic Yes Built-in Speaker Yes Built-in Speaker Yes Built-in Speaker Yes Audio Yes Sound Alarm Yes Alarm Yes Sound Alarm Yes	Video	
Video 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 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 Built-in Mic Yes Built-in Mic Yes Built-in Speaker Yes Built-in Speaker Yes Built-in Speaker Yes Rudio Compression 6.711a; G.711Mu; G.726; G.726ASF Autam Yes Sound Alarm Yes Sound Alarm Yes Sound Alarm Yes Alarm Event Disconnection; IP Conflict; No SD Card; Capacity Warning; SD Card Error	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 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 Light Alarm Yes Light Alarm Yes Light Alarm 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;PPDE;UPNP;SMTP Interoperability ONVIF; CGI; P2P	Smart Compression	H.264H+; H.264M+; H.264B+; H.265+
Third stream: 1080P(1-25/30 fps)		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) Ilmage Rotation 180° Mirror Yes Privacy Masking 4 Areas Audio 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 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; LDP; HTTP; IGMP; ICMP; DHCP; RTP; RTSP; DNS; DDNS; FTP; NTP; PPPOE; LPPP; SMTP Interoperability	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 30 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 Audio Compression G.711a; G.711Mu; G.726; G.726ASF Audio Yes Audio Compression G.711a; G.711Mu; G.726; G.726ASF Alarm Yes Sound Alarm Yes Light Alarm 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; DD		Third stream: 1080P(1–25/30 fps)
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 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 Interpretability 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 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 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	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 Light Alarm Yes 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 Interpoerability ONVIF; CGI; P2P	VC 1 - 200 2	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 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	video Bit Rate	H.265: up to 16384 kbps
HLC WDR 140 dB White Balance Yes Gain Control Auto/Manual Noise Reduction 3D NR Motion Detection OFF/ON (4 Areas, rectangular) Image Rotation Image Rotation 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 Light Alarm Ves 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;DCMP;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 G.711a; G.711Mu; G.726; G.726ASF Alarm Arming/Disarming Yes Sound Alarm Yes Light 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; DHCP; RTP/RTSP; DNS; DDNS; FTP; NTP; PPPOE; UPNP; SMTP Interoperability ONVIF; CGI; P2P	BLC	Yes
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 Light Alarm Petwork Network RJ-45 (10/100 Base-T) SDK and API 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 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	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 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	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 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	Gain Control	Auto/Manual
Image Rotation180°MirrorYesPrivacy Masking4 AreasAudioAudioBuilt-in MicYesBuilt-in SpeakerYesTwo-way talkYesAudio CompressionG.711a; G.711Mu; G.726; G.726ASFAlarmArming/DisarmingYesSound AlarmYesLight AlarmYesAlarm EventDisconnection; IP Conflict; No SD Card; Capacity Warning; SD Card ErrorNetworkRJ-45 (10/100 Base-T)SDK and APIYesNetwork ProtocolTCP/IP;UDP;HTTP;IGMP;ICMP;DHCP;RTP/RTSP;DNS;DDNS;FTP;NTP;PPPOE;UPNP;SMTPInteroperabilityONVIF; 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 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	Motion Detection	OFF/ON (4 Areas, rectangular)
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	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 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	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 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	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 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	Audio	
Two-way talk 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	Built-in Mic	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	Built-in Speaker	Yes
Arming/Disarming Yes Sound Alarm Yes Light Alarm 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 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	Audio Compression	G.711a; G.711Mu; G.726; G.726ASF
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	Alarm	
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	Arming/Disarming	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	Sound Alarm	Yes
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	Yes
NetworkRJ-45 (10/100 Base-T)SDK and APIYesNetwork ProtocolTCP/IP;UDP;HTTP;IGMP;ICMP;DHCP;RTP/RTSP;DNS;DDNS;FTP;NTP;PPPOE;UPNP;SMTPInteroperabilityONVIF; 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 Interoperability ONVIF; CGI; P2P	Network	RJ-45 (10/100 Base-T)
Interoperability ONVIF; CGI; P2P	SDK and API	Yes
	Network Protocol	TCP/IP;UDP;HTTP;IGMP;ICMP;DHCP;RTP/RTSP;DNS;DDNS;FTP;NTP;PPPOE;UPNP;SMTP
User/Host 20 (Total bandwidth: 80 M)	Interoperability	ONVIF; CGI; P2P
	User/Host	20 (Total bandwidth: 80 M)

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Ultra Al Series | IPC-E5412M-AS-L

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



