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 50m, Warm light distance 50m
- 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
- 2.8 mm 12mm zoom lens
- 12 VDC/PoE power supply
- IP67 protection

Camera	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(Color, 30 IRE),0.0004 lux@F1.6 (B/W, 30 IRE),0 lux (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	2.8 mm - 12mm		
Max. Aperture	F1.6		
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-B5412E-ZAS-FL

Video Feath 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) Stream Capability 3 Streams 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 Molion Detection OFF/ON (4 Areas, rectangular) Mirror Yes Privacy Masking 4 Areas Audio Yes Built-in Mic Yes Buil	Al Search	Work together with NVR
Smart Compression H.264H+; H.264M+; H.264B+; H.265+ Main stream.4MP@(1-25/30 fps) Video Frame Rate Sub stream: D1@(1-25/30 fps) Stream Capability 3 Streams Bit Rate Control CDR/VBR Video Bit Rate H.264: up to 16384 kbps Day/Night Color/B/W BIC Yes HLC Yes HLC Yes WDR 140 dB White Balance Yes Gain Control Auto/Manual Noise Reduction 30 NR Motion Detection OFF/ON (4 Areas, rectangular) Irrage 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.71a; G.711Mu; G.726; G.726ASF Autin Yes Sound Alarm Yes Light Alarm Red and Blue LED light Alarm Event Disconnection;	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 H.265: up to 16384 kbps H.266: up to 16384 kbps BILC 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 Mic Yes Built-in Speaker Yes Two-way talk Yes Audio Compression 5.711a; 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 RJ-45 (10/100	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 H.265: 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 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	Smart Compression	H.264H+; H.264M+; H.264B+; H.265+
Stream Capability 3 Streams Stream 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 Built-in Spaker Yes Two-way talk Yes Audio Compression 6.711a; G.711Mu; G.726; G.726ASF 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		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 Audio Compression G.711a; G.711Mu; G.726; G.726ASF Audio Compression G.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; UPP; SMTP Interoperability ONUE; CGI; P2P	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 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; SMTP Noting Fre		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 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 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	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 Built-in Mic Yes 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 Alarm Event 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; PPPOE; UPNP; SMTP </td <td>Bit Rate Control</td> <td>CBR/VBR</td>	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 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; PPPOE; UPNP; SUTP Interpoperability ONVIF, CGI; P2P	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 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 light Alarm Event Network Network 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	Day/Night	Color/B/W
White Balance Yes Gain Control Auto/Manual Noise Reduction 3D NR Motion Detection 0FF/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 Audio Compression 6,711a; G.711Mu; G.726; G.726ASF Aution 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 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	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.4-45 (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 Ryotocol TCP/IP;UDP;HTTP;IGMP;ICMP;DHCP;RTP/RTSP;DNS;DDNS;FTP;NTP;PPPOE;UPNP;SMTP Interoperability ONYIF; 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 Revent 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 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 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	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 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
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 ONVIF; CGI; P2P		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)

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

Ultra Al Series | IPC-B5412E-ZAS-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: 6.2W	
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	244 mm × 77mm × 76mm	
Net Weight	830g	

Camera Structure and Dimensions

