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



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 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 50m, Warm light distance 50m	
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 This datasheet is subject to cha	Support nge without prior notice. Please contact us to get the latest datasheet.	

Ultra Al Series | IPC-BF5419T-AS

Video Video Compression H.264H; H.264M; H.265 MIPEG (Customization) Smart Compression H.2664H; H.264M; H.265 MIPEG (Customization) Video Frame Rate Main stream: 4MP@(1-25/30 fps) Video Frame Rate Sub stream: 0100P(1-25/30 fps) Stream Capability 3 Streams Bit Rate Control C8R/V8R Video Bit Rate H1264: up to 16384 klops Day/Night Color/B/W Bit C Yes HIC 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 Privacy Masking 4 Areas Audio Yes Privacy wasking 4 Pes Audio Compression G,711a; G,711Mu; G,726; G,726ASF Alarm Area Sound Alarm Yes </th <th>Al Search</th> <th>Work together with NVR</th>	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: 1080P(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 H.265: up to 16384 kbps BLC Ves HLC Ves WDR 140 dB White Balance Yes Gain Control Auto/Manual Noise Reduction JBD NR Motion Detection OFF/ON (4 Areas, rectangular) Image Rotation 180° Privacy Masking 4 Areas Audio Built-in Mic Yes Built-in Mic Yes Built-in Mic Yes Built-in Speaker Yes Two way talk Acan Compression G.711a; G.711Mu; G.726; G.726ASF Alarm Arming/Disarming Yes Sound Alarm Yes Larent Disconnection; IP Conflict; No SD Card; Capacity Warning; SD Card Error Network Network RU-45 (10/100 Base-T) SDK and API Yes Network Protocol TCP/IP; UDP; HITTP; IGMP; ICMP; DHCP; RTP/RTSP; DNS; DDNS; FTP; NTP; PPPOE; UPNP; SMTP Interoperability ONVIF; GGI; P2P	Video		
Main stream:4MP@(1-25/30 fps)	Compression	H.264H; H.264M; H.264B; H.265 MJPEG (Customization)	
Video Frame Rate Sub stream: D1@(1-25/30 fps) Third stream: 1080P(1-25/30 fps) Stream Capability 3 Streams Bit Rate Control CBR/VBR 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 Gain Control Auto/Manual Noise Reduction 3D NR Motion Detection DFF/ON (4 Areas, rectangular) Image Rotation 180° Mirror Yes Privacy Masking 4 Areas Audio Built-in Mic Built-in Mic Built-in Speaker Yes Two-way talk Yes Audio Compression G.711a; G.711Mu; G.726; G.726ASF Alarm Alarm Arming/Disarming Yes Sound 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/IPJUDP; HTTP; IGMP; DCMP; DHCP; RTP/RTSP; DNS; DDNS; FTP; NTP; PPPOE; UPNP; SMTP Interoperability ONVIF; CGI; P2P	Smart Compression	H.264H+; H.264M+; H.264B+; H.265+	
Third stream: 1080P(1-25/30 fps)	Video Frame Rate	Main stream:4MP@(1-25/30 fps)	
Stream Capability 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 Motion Detection OFF/ON (4 Areas, rectangular) Image Rotation 180° Mirror Yes Privacy Masking 4 Areas Audio Built-in Mic Built-in Mic Built-in Speaker Yes 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 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		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 Speaker Yes Built-in Speaker Yes Built-in Speaker Yes Built-in Speaker 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; P		Third stream: 1080P(1-25/30 fps)	
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) Ilmage 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 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; DMCP; 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 OFF/ON (4 Areas, rectangular) Image Rotation Image Rotation Iso° 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 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	Bit Rate Control	CBR/VBR	
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 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.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		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 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	Day/Night	Color/B/W	
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 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	BLC	Yes	
White Balance 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 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	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 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; 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 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	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 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 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 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 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 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	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 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)	

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

Ultra Al Series | IPC-BF5419T-AS

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	224 mm × 77mm × 76mm	
Net Weight	750g	

Camera Structure and Dimensions

