

E1B-5LRV(2.7-12) AI

1T 5MP Dual-Optical Full-Color Audio
Bullet Camera



Features

- Supports 1.0 TOPS computing power
- Supports behavior analysis and crowd situation analysis.
- Backlight adaptation and defogging adaptation;
- 1/2.7" CMOS
- 120 dB super WDR, restoring real details in strong contrast scenarios;
- Supports 50 m infrared light and 30 m white light
- Built-in microphone, supporting sound pickup;
- Supports PoE power supply
- Support super coding.
- Support intelligent recording marking and perimeter detection

Technical Specifications

Model		E1B-5LRV(2.7-12) AI				
Major Specifications						
Main control	Computing power	1.0 TOPS				
	Memory	DDR3 256.0 MB				
	Flash type	SPI NAND FLASH 256.0 MB				
Camera	Focal length	2.7-12mm				
	Max Aperture	F1.2				
	Image sensor	1/2.7" CMOS/5MP 2880(H)*1620(V)				
	Angle of view	Horizontal:32°(T) to 95°(W);Vertical:18°(T) to 52°(W)				
	IR range	50m				
	Illumination distance	30m				
	IR Wavelength	850nm				
	DORI(Complied to the EN 62676-4)		D(m)	O(m)	R(m)	l(m)
		W	54.0	21.8	10.8	5.4
		T	240.0	96.8	48.0	24.0
Intelligence						
Target/Body	Target	Target detection				
	Person	Person detection				
Other intelligences	Behavior analysis	GB28181/Fast movement/Tripwire crossing/Intrusion/Area entry or exit /Loitering/Parking detection				
	Crowd flow analysis	Queue length/Head counting/Crowd flow statistics/Attendance				
Open ecosystem						
Data openness	Data openness	SDK (proprietary protocol)/REST API (proprietary protocol)/GA/T 1400/ONVIF Profile S/G/T/M				
Image						
Codec	Video encoding format	H.264/H.265/SuperCoding				
	Video encoding channels	Dual streams				
	Video frame rate	25fps/30fps				
Image AI	Scene adaptation	Overcast adaptation				
Image ISP	WDR	130db				
	HLC/BLC	Supported/Supported				
	SNR	>50dB				
	Primary stream resolution	2880×1620(5MP),2560×1440(4MP),2304×1296(3MP),1920×1080 (1080P),1280×720(720P),720×576(D1_PAL)				
	Secondary stream resolution	Secondary stream 1:720×576(D1_PAL),720×480(D1_NTSC),352×288 (CIF_PAL),352×240(CIF_NTSC)				
	Video Bit Rate	Only for H.264 and H.265 5MP:512kbit/s to 8Mbit/s; 4MP:512kbit/s to 8Mbit/s; 3MP:512kbit/s to 8Mbit/s; 1080P:512kbit/s to 8Mbit/s; 720P:256kbit/s to 4Mbit/s; D1:256kbit/s to 2Mbit/s; CIF:32kbit/s to 1Mbit/s;				

	Digital noise reduction	2D/3D noise reduction
	Mini illumination	Color: 0.02 Lux (F1.2, AGC ON, 1/30s shutter speed) B/W: 0.01Lux (f1.2, AGC ON, 1/30s shutter speed)

Audio		
Audio	Audio encoding format	G.711a/G.711u/G.726/AAC (default: G.711a)
	Audio sampling rate	G.711a/G.711u/G.726:8K AAC:8K/16K/22.05K/24K/32K/44.1K/48K
	Audio bit rate	G.711a/G.711u: 64 kbit/s G.726: configurable (16/24/32/40 kbit/s) AAC: 8 kHz sampling rate: 16/22/24/32/48 kbit/s 16 kHz sampling rate: 24/32/48/64/96 kbit/s 22.05/24/32 kHz sampling rate: 32/48/64/96/128 kbit/s 44.1/48 kHz sampling rate: 48/64/96/128/256 kbit/s

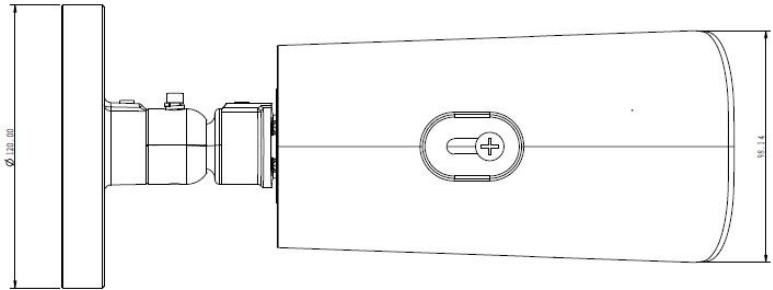
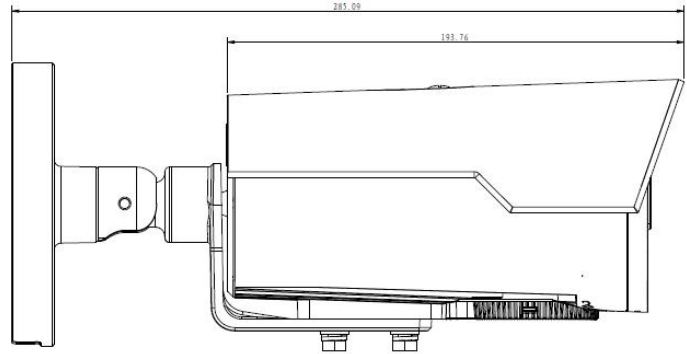
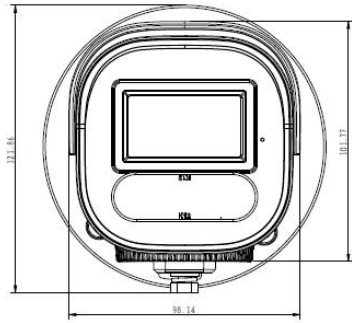
Networking		
Network transmission	Protocols supported by IPv4	TCP,UDP,IPv4,DHCP,DNS,ICMP,IGMP,HTTPS,FTP,SFTP,RTP,RTSP,RTCP,SIP,ARP,SSL,NTP,SNMP(V1/V2/V3),802.1x,QoS,SMTP
	Protocols supported by IPv6	HTTPS,RTP,RTCP,RTSP,Onvif,IPv6,ICMPv6,DHCPv6
Web Browser	Web Browser	Google Chrome, Firefox, Edge

Security		
Service security	User rights	Three user roles: administrator, advanced operator, and common operator
	Security mode	User name and password authentication, 802.1X authentication, and HTTPS digital certificate
	Secure boot	Supported
Alarm information	Alarm information	HTTPS certificate expiration/SDK certificate expiration/SDK root certificate expiration/SDK revocation certificate expiration/802.1X certificate expiration/Network disconnection/Failure to write data to disks/Media stream interrupted/Flash read/write/Version rollback

Port	
Alarm port	2 input port and 1 output port
Network port	One RJ45 10M/100M adaptive Ethernet port
Audio port	Supported (one-channel LINE OUT)/Supported (one-channel built-in microphone)

General Specifications	
Power type	DC12V,PoE(IEEE 802.3af)
Power consumption	Maximum: 12.5W; Typical: 2.87W
Operating temperature	-30°C to 60°C
Operating humidity	5% to 95%(non-condensing)
Surge protection	4kV
IP rating	IP67
IK rating	IK10
Equipment Anti Corrosion	Class C
Weight	Net weight 919g; Gross weight 1322.5g
Dimensions	Device dimensions 194×98.1×101.8mm; Package dimensions 355×184×142mm

Dimensions



Recommended Accessories



ACC3233