M2150-10-EGI

1T 5MP IR AI Bullet Camera

≡ Features

- ▶ 1 TOPS computing power
- ▶ Supports heat map, behavior analysis, crowd flow analysis, and face and body detection
- ▶ 1/2.7" CMOS sensor
- ▶ 120 dB super wide dynamic range (WDR), ensuring that both foreground and background objects are clearly identified in environments with sharp light contrast
- ▶ Supports auto iris

Technical Specifications

Model	M2150-10-EGI

Major Specifications

Main control	CPU	Hi3516D V300
	Computing power	1 TOPS
	Memory	DDR3 0.5 GB
	Flash type	SPI NAND Flash 256.0 MB
	Max capacity	MicroSD card slot that supports microSDHC/microSDXC; maximum memory card capacity: 256 GB
Camera	Image sensor	1/2.7" CMOS 5MP 2560(H)*1920(V)
	Focal length	2.8-12mm
	Max f-number	F1.6 (W) to F3.4 (T)
	Lens aperture type	DC-Iris
	Angle of view	Horizontal: 30.6° (T) to 94° (W); vertical: 24° (T) to 70° (W)
	IR range	50m

Intelligence

Face/Body	Face	Face detection
	Person	Person detection
Other intelligences	Behavior analysis	Fast movement,Tripwire crossing,Intrusion,Area entry or exit,Loitering
	Crowd flow analysis	Queue length,Head counting,Crowd flow statistics
	Audio anomaly	Sound detection,Sudden volume increase or decrease
	Heat map	Supported
	Scene change	Supported
	Defocus	Supported

Open ecosystem

Data openness	Data openness	SDK (proprietary protocol),REST API (proprietary protocol),GA/T 1400,GB/T 28181

Image

Codec	Video encoding format	MJPEG/H.264/H.265
	Video encoding channels	Triple streams
	Video frame rate	Configurable (25 fps or 30 fps)
	Intelligent encoding	Extra265/264
Image ISP	Min illumination	Color: 0.005 lux (F1.2, AGC ON, 1/30s shutter speed); B/W: 0.0005 lux (F1.2, AGC ON, 1/30s shutter speed) or 0 lux (infrared illuminator enabled)
	Day/Night mode	Auto (ICR), color, or B/W
	White balance	Auto/Manual/OnePush
	Digital noise reduction	2D/3D noise reduction

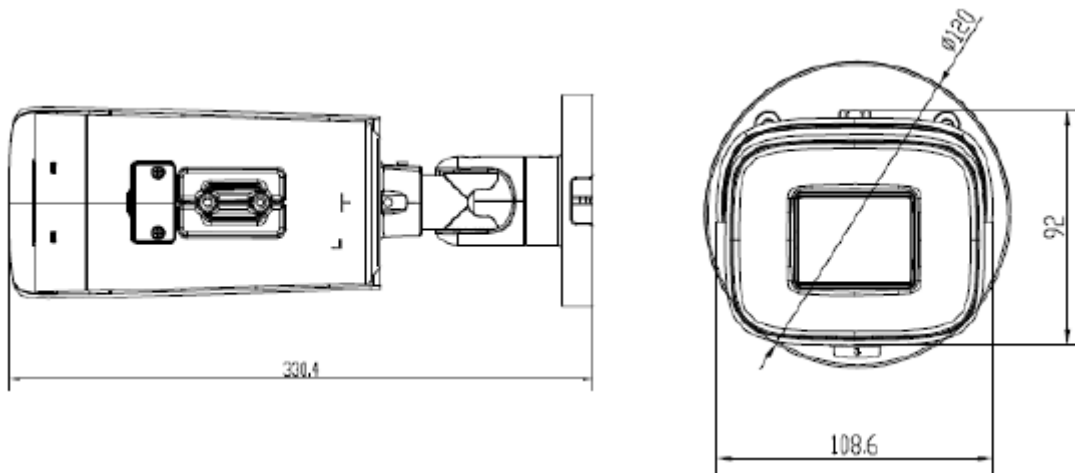|		
	WDR	120 dB
	Highlight compensation	Supported
	Image stabilization	Supported
	Defogging	Supported

Networking

Network transmission	Protocols supported by IPv4	TCP, UDP, IPv4, IPv6, DHCP, DHCPv6, DNS, ICMP, ICMPv6, IGMP, HTTPS, FTP, SFTP, RTP, RTSP, RTCP, SIP, ARP, SSL, NTP, SNMP (V1 /V2/V3), 802.1x, QoS, DDNS, SMTP, and PPPoE Note: 1. The DDNS uses the Oray (www.oray.com) scheme. 2. The northbound protocol needs to adapt to the PPPoE dialup scenario.
	Protocols supported by IPv6	HTTPS，RTP，RTCP，RTSP

Security

Data security	Media security	Supports web- or SDK-based media stream encryption; supports a maximum of two channels of encrypted media streams; supports encrypted data storage on SD cards
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
	System intrusion detection	Supported

Port

Storage port	MicroSD card slot that supports microSDHC/microSDXC; maximum memory card capacity: 256 GB
Communication serial port	RS-485 port
Alarm port	2 input ports and 1 output port
Network port	One RJ45 10M/100M adaptive Ethernet port
Audio port	Audio-in portSupported (one-channel LINE IN or one-channel external MIC);Audio-out portSupported (one-channel LINE OUT)

General Specifications

Power type	12 V DC and PoE (IEEE 802.3af)
Power consumption	Maximum: 10 W; typical: 5 W
Operating temperature	−30°C to +60°C (illuminator disabled) −30°C to +40°C (illuminator enabled)
Operating humidity	5% to 95% (non-condensing)
Surge protection	4 kV
IP rating	IP67
IK rating	IK10
Weight	Net weight 1.4 kg;Gross weight 1.8 kg
Dimensions	Device dimensions 120 mm x 330 mm x 120 mm;Package dimensions 182 mm x 376 mm x 139 mm

⊙ Dimensions

Ø120

92

330.4

108.6

✿ Recommended Accessories

DTS-11C

ACC3231

ACC3281

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