

# M2120-EFL(7– 35mm)

1T 2MP Face Capture Bullet Camera



## Features

- ▶ 1 TOPS computing power;
- ▶ Supports heat map, 1 + N, 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


**Technical Specifications**
**Model M2120-EFL(7–35mm)**
**Major Specifications**

Main control	CPU	Hi3516D V300
	Computing power	1 TOPS
	Memory	DDR3 1.0 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" 2-megapixel: 1920 (H) x 1080 (V)
	Focal length	7–35 mm
	Max f-number	F1.4 (W) to F1.8 (T)
	Angle of view	Horizontal: 10° (T) to 33.5° (W); vertical: 5.7° (T) to 18.9° (W)
	Illumination distance	20 m

**Intelligence**

Face/Body	Face	Face detection, Facial attribute recognition
	Person	Person detection
Other intelligences	Scene change	Supported
	Defocus	Supported
	Heat map	Supported

**Open ecosystem**

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

Codec	Video encoding format	MJPEG/H.264/H.265
	Video encoding channels	Triple streams
	Video frame rate	Linear: 60 fps, 50 fps, 30 fps, or 25 fps (default); physical WDR: 30 fps or 25 fps (default)
	Intelligent encoding	Extra265/264
Image ISP	Min illumination	Color: 0.005 lux (F1.2, AGC ON, 1/30s shutter speed); B/W: 0.0025 lux (F1.2, AGC ON, 1/30s shutter speed)
	Day/Night mode	Auto (ICR), color, or B/W
	White balance	Auto/Auto tracking/Manual/OnePush
	Digital noise reduction	2D/3D noise reduction
	WDR	120 dB
	Highlight compensation	Supported

**Networking**

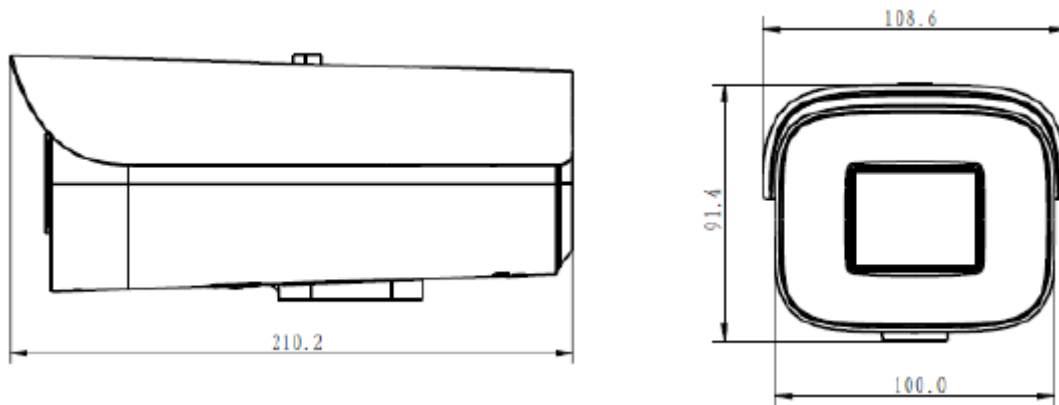
Network support	1 + N	Supported
Network transmission	Protocols supported by IPv4	TCP, UDP, IPv4, IPv6, DHCP, DHCPv6, DNS, ICMP, ICMPv6, IGMP, HTTPS, FTP, SFTP, RTP, RTSP, RTCP, SIP, ARP, SSL, NTP, SNMP (V1/V2/V3), 802.1x, QoS, DDNS, SMTP, and PPPoE Note: 1. The DDNS uses the Oray (www.oray.com) scheme.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

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
	System intrusion detection	Supported

Port	
Storage port	MicroSD card slot that supports microSDHC/microSDXC; maximum memory card capacity: 256 GB
Network port	One RJ45 10/100 Mbit/s Ethernet port

General Specifications	
Power type	12 V DC and PoE (IEEE 802.3at)
Power consumption	Maximum: 14.9 W; typical: 3.8 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	IP66
Weight	Net weight 0.94 kg;Gross weight 1.24 kg
Dimensions	Device dimensions 210 mm x 108 mm x 91 mm;Package dimensions 117 mm x 296 mm x 141 mm



## Dimensions



## Recommended Accessories



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