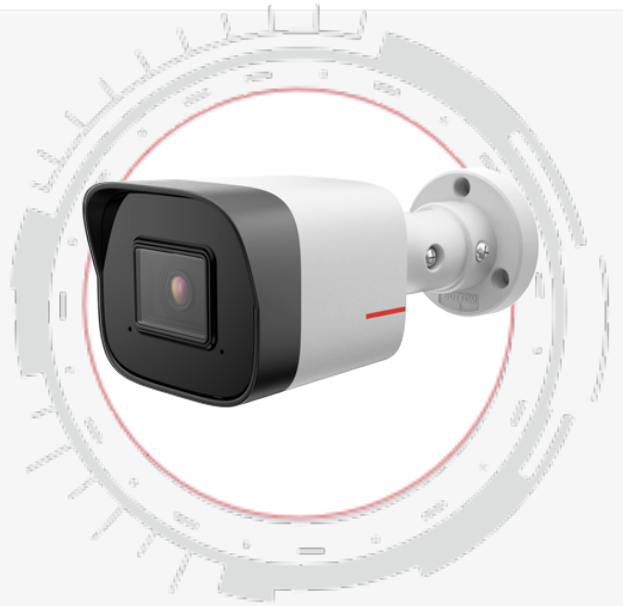


D2020-10-I-P(3.6 mm)

1T 2MP AI IR Bullet Camera

Pre-Sales



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


Technical Specifications

| Model D2020-10-I-P(3.6mm) | | |
|---------------------------|-------------------------|---|
| Major Specifications | | |
| Main control | CPU | Hi3516DV300 |
| | Computing power | 1 TOPS |
| | Memory | DDR3 0.2500 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 2MP 1920(H)*1080(V) |
| | Focal length | 3.6mm |
| | Max f-number | F1.6 |
| | Lens aperture type | Fixed iris |
| | Angle of view | Horizontal:91.09°Vertical:48.18° |
| 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 | 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 | 120dB |
| | Highlight compensation | 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 | AES256-based SDK stream encryption |
| | Video digital watermark | Supported |
| | Image digital watermark | Supported |
| 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 |

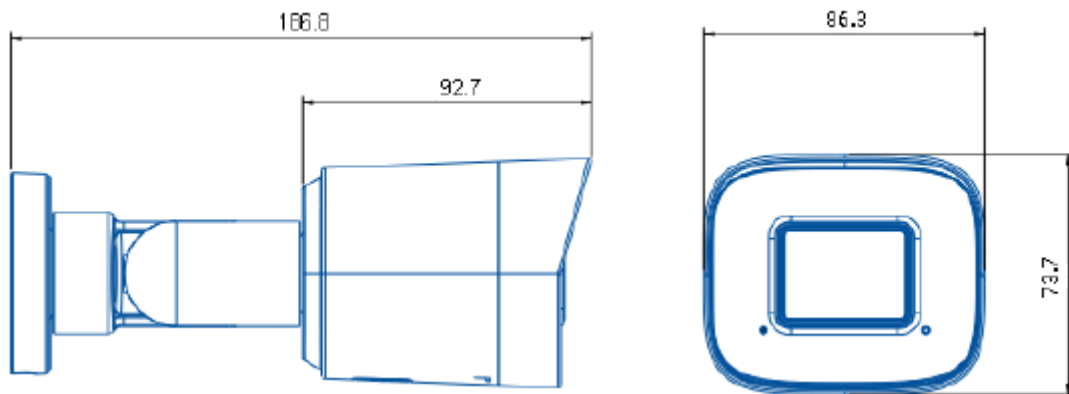
Port

| | |
|--------------|---|
| Storage port | MicroSD card slot that supports microSDHC/microSDXC; maximum memory card capacity: 256 GB |
| Network port | One RJ45 10M/100M adaptive Ethernet port |
| Audio port | Audio-in portSupported (one-channel built-in MIC) |



General Specifications

| | |
|-----------------------|--|
| Power type | DC12V,PoE(IEEE 802.3af) |
| Power consumption | Maximum:8.2W,typical:2.9W |
| Operating temperature | -30°C to 60°C |
| Operating humidity | 5% to 95%(non-condensing) |
| Surge protection | 4kV |
| IP rating | IP67 |
| IK rating | IK10 |
| Weight | Net weight 0.6kg;Gross weight 0.75kg |
| Dimensions | Device dimensions 187mm×86.5mm×74mm;Package dimensions 191mm×112mm×120mm |

Dimensions



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