

HWT-D2020-10-I-P(3.6mm)

1T 2MP AI IR Bullet Camera



☰ Features

- ▶ 1TOPS computing power
- ▶ Supports behavior analysis, crowd flow analysis, target detection, and person 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 HWT-D2020-10-I-P(3.6mm)		
Major Specifications		
Main control	Computing power	1TOPS
	Memory	DDR3 0.25 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	Focal length	3.6mm
	Max Aperture	F1.6
	Image sensor	1/2.7" CMOS/2MP 1920(H)*1080(V)
	Lens aperture type	Fixed iris
	Angle of view	Horizontal:91.09°Vertical:48.18°
	IR range	50m
Intelligence		
Target/Body	Target	Target 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
	Defocus	Supported
Open ecosystem		
Data openness	Data openness	SDK (proprietary protocol)/REST API (proprietary protocol)/GA/T 1400/GB/T 28181 (2011, 2016)
Image		
Codec	Video encoding format	MJPEG/H.264/H.265
	Video encoding channels	Triple streams
	Intelligent encoding	Extra265/264
	Video frame rate	Configurable (25 fps or 30 fps)
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	Supported; automatic (ICR)/Color/B/W (default: automatic) Sensitivity level: high (default), medium, and low Image triggering /Internal triggering
	WDR	120dB
	White balance	Auto/Manual/OnePush
	Highlight compensation	Supported
	Digital noise reduction	2D/3D noise reduction

	Defogging	Supported
	EIS	Not supported; Sensitivity levels are not supported.

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, and PPPoE. Note: The northbound protocol needs to adapt to the PPPoE dialup scenario.
	Protocols supported by IPv6	HTTPS,RTP,RTCP,RTSP,Onvif,IPv6,ICMPv6,DHCPv6

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	Supported (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
Equipment Anti Corrosion	Class C corrosion resistance
IK rating	IK10 (except for the viewing window)
Weight	Net weight 0.6kg;Gross weight 0.75kg
Dimensions	Device dimensions 187mm×86.5mm×74mm;Package dimensions 191mm×112mm×120mm

Dimensions

