VORTEX

IB939-EHTV

8MP Bullet Camera

Technical Specifications

Camera Features	
Image sensor	1/1.8" Progressive CMOS
Resolution	SD: 2432 x 816 HD: 4864 x 1632
Lens Types	Motorized, Vari-focal, Remote Focus
Focal Length	f = 4.3~9.8mm
Aperture	F1.6 ~ F2.6
Iris	P-iris
Field of View	110.4° ~ 45.1° (Horizontal) 57.9° ~ 25.4° (Vertical) 133.9° ~ 51.8°(Diagonal)
Camera Movement	Tilt: 80° Rotate:350°
Shutter Speed	1/5 sec. to 1/32,000 sec.
Day/Night	Yes
IR Cut Filter	Yes
IR Range	Built-in IR illuminators, effective up to 40 meters with Smart IR, IR LED*4
WDR Technology	WDR Pro
Minimum Illumination	0.02 lux @ F1.6 (Color) <0.005 lux @ F1.6 (B/W) 0 lux with IR illumination on
Onboard Storage	MicroSD/SDHC/SDXC card slot (Built-in 512GB industrial SDCard)
Standard Video Settings	
Frame Rate	15FPS
Video Streaming Settings	HD Video 3840 x 2160 (8MP) @15fps 3Mbps upload SD Video 1280 x 720@15fps 300Kbps upload
Standard Audio Settings	
Audio	Two-way Audio (License required to enable speaker talk-down feature)
Interface	Built-in microphone External microphone Input External line output
Effective Range	5 Meters

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Power and Network	
Power input	IEEE 802.3af PoE Class 3
Power Consumption	Max. 12.4W/ 9.6W (IR on/off)
Connectivity	RJ-45 cable connector for 10/100 Mbps Network/PoE connection Audio line input Audio line output Digital input: 1 Digital output: 1
Protocols	WebRTC, ARP, DHCP, DNS, HTTP, HTTPS, ICMP, IPv4, NTP, RTSP/RTP/RTCP, SSL, TCP/IP, TLS 1.2, UDP
Users	Up to 6 clients *Live viewing for 6 clients *live viewing up to 4 clients and playback 2 clients)
Security	"Secure boot Signed firmware HTTPS/TLS encryption Video encryption"
Interface	10 Base-T/100 Base-TX Ethernet (RJ-45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.
General	
Operating Temperature	Starting Temperature: -20°C ~ 50°C (-4°F ~ 122°F) Working Temperature: -35°C ~ 60°C (-31°F ~ 140°F) (IR off) -35°C ~ 50°C (-31°F ~ 122°F) (IR on)
Humidity	98% RH (non-condensing)
Certifications	EMC CE (EN55032, EN55035 Class A), UKCA (BS EN 55032/BS EN 55035 Class A), FCC (FCC Part 15 Subpart B Class A), RCM (AS/NZS CISPR32 Class A), VCCI (VCCI-CISPR 32 Class A)IC (ICES-003 Issue 7, Class A) Safety UL (UL62368-1), CB (IEC/EN 62368-1, IEC/EN 62368-1, IEC/EN 62471),UKCA (BS EN IEC 62368-1) Environment IK10 (IEC 62262), IP66, IP67 (IEC 60529),BSMI (EMC: CNS 13438, Safety: CNS 14336-1)
Warranty	Up to 10 years (Depends on license type)
Included Accessories	Quick installation guide, alignment sticker, screw pack, cable gland
Mechanical	
Weight	1.04 kg
Dimensions	ø 92 x 258.5 mm
Body	Metal
AI Analytics	
Audio detection	Yes
Tampering detection	Yes
Application	Intrusion detection, Line crossing detection, Loitering detection, Unattended object detection, Missing object detection
AI Hub with xPro License	Attribute search, Scene search, Re-search, Profile search, LPR search, Think search, Event insight
Application available with license	Personal protective equipment, Fall detection, Think alert, Facial recognition, License plate recognition

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