



Dual-Image Thermal Bullet Camera with AI

CODE: THERMVIP-5MP

NDA
Compliant



IP

5MP



People &
Vehicle Detection



Dynamic
Fire Detection



Dual-Image
Fusion



Light & Siren
Warning



Thermal Module

Detector Type	12µm 256x192 Vanadium Oxide Uncooled Focal Plane Detector
Response Waveband	8µm to 14µm
Resolution	256 x 192
Noise Equivalent Temperature Difference (NETD)	≤50mK (25°C, F1.0)
Lens	3.2mm
Focus	Fixed
Field of View	Horizontal: 56° Vertical: 42.2°
Minimum Focus Distance	1.1m
Colour Palettes	Black Hot, White Hot, Iron Oxide Red



Optical Module

Image Sensor	1/2.7" CMOS
Video Compression	H.265 / H.264
Resolution	5MP, 4MP, 2K, 2MP (1 to 25fps)
Electronic Shutter	1s to 1/100,000s
Minimum Illumination	0.02 lux at F1.6; 0.03 lux at F2.0; 0 lux with IR
IR Range	30m
Lens	4mm
Field of View (Stitching)	Horizontal: 81° Vertical: 56.7°
Image Correction	BLC, HLC, WDR, Defog, Digital NR



Interfaces

Network	RJ45
Audio	1CH 3.5 MIC/LIN in audio input; 1CH audio output; 1CH built-in speaker
Alarm	1CH alarm input; 1CH alarm output



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Interfaces (continued)

Storage	Micro SD card slot (supports up to 256GB)
Reset Button	Yes



Functions

Dual-Image Fusion	Thermal & Optical
Temperature Overlay	On Video Stream
Remote Monitoring	SuperLive Plus Mobile App / NVMS (used with Viper NVR)
Online Connection	Simultaneous multi-stream real time transmission
Maximum Users for Monitoring	Up to 10 users (simultaneous)
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, ICMP, IGMP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, 802.1x, UPnP, HTTPs, QoS
Interface Protocol	ONVIF
AI Events (Optical)	Line Crossing Detection, Region Intrusion Detection (People & Vehicle), Target Counting, Face Detection , Scene Change Detection
AI Events (Thermal)	Fire Detection, Temperature Exception Alarm, Region Intrusion Detection (People & Vehicle)
Active Deterrent / Warning	White Light & Alarm Sounder



Parameters & Dimensions

Power Supply	DC12V / PoE
Power Consumption	< 9W
Operating Environment	Temperature: -30°C to +60°C; Humidity: Less than 95% (non-condensing)
Dimensions	217.8mm x 80.5mm x 80.3mm
Weight	0.7kg
Protection Grade	IP66
Certificate	UKCA, CE, FCC, PSTI 2023, RoHS, WEEE, REACH (EC1907/2006)