



ThermTec

HM3 Series

Outdoor IP Dual Spectrum
Thermal Bullet Camera

HM3 Series

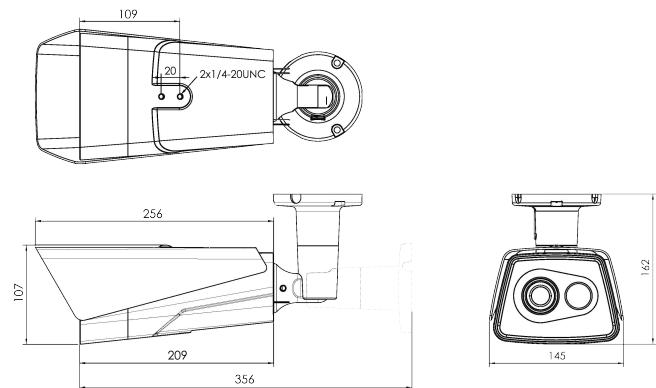
Outdoor IP Dual Spectrum
Thermal Bullet Camera



Product Features

- High image quality: 12μm thermal sensor, 4MP 1/2.8'' CMOS visible sensor;
- Powerful behavior analysis algorithm: Line crossing, intrusion, region entry & exit;
- Thermal image smart function: Multiple targets types detection;
- Advanced fire/smoke detection algorithm;
- Excellent image enhancement: AGC, NUC, IDE, HDR, DNR
- Image effect: Image fusion, PIP;
- User-friendly platform: Standard ONVIF protocol, fast compatible with the third-party platform;
- Superior environmental adaptability: Applicable for extreme weather, including darkness, rain, fog, smog and etc.;
- Complete customizability.

Dimension



Specifications

Outdoor IP Dual Spectrum Thermal Bullet Camera

Thermal Module		HM3		HM6		Video and Audio	
Resolution/Pixel pitch		384x288/12μm		640x512/12μm		Main-Stream (Visible)	
Spectral range		8-14μm				25fps (2592*1536,1920*1080,1280*720)	
NETD		≤35mK				Sub-stream (Visible)	
Focal Length	7mm	10mm	17mm	25mm	35mm	Main-Stream (Thermal)	25fps (1280*720,768*576,640*480,384*288,352*288)
FOV	HM3	36.4x27.7	26x19.6	15.4x11.6	10.5x7.9	Sub-stream (Thermal)	25fps (768*576,640*480,384*288,352*288)
	HM6	60.7x48.5	43.3x34.6	25.7x20.6	17.5x14	Video Compression	H.265 / H.264
F Number		F1.0				Network	
Focus Method		Motorized				Protocols	IPv4, HTTP, HTTPS, FTP, DNS, NTP, RTSP, RTCP, RTP, TCP, UDP, IGMP, ICMP, DHCP, ONVIF
Image Sensor		Uncooled FPA				API	SDK, third-party management platform, ONVIF and CGI
Color Palette		14 color palettes				Simultaneous Live View	6 users
Optical Module							
Focal Length	4mm	8mm	12mm			User/Host level	Up to 10 users, 3 levels: Administrator, Operator, General
FOV	80x56.7	41.2x23.6	28x23.9			Security	Support password protection, bonding MAC ID, IP filtration
F-Number	F1.6					Client	Support ThermTec platform, third-party VMS by ONVIF, etc.
Focus Method	Fixed					Web Browser	Google Kernel Browser, Edge
Image Sensor	1/2.8" Progressive Scan CMOS					Interface	
Resolution	4MP					Alarm Input	1ch
Min. Illumination	Color: 0.01Lux@(F1.5,AGCON) B/W:0.001Lux@(F1.5, AGCON)					Alarm Output	1ch
Image Effect							
Thermal image process algorithm	AGC, NUC, IDE, HDR, DNR					Communication Interface	RJ45 10 M/100 M self-adaptive Ethernet interface RS-485 interface
Picture in Picture	Support					General	
Bi-spectrum Image Fusion	Display the details of optical channel on thermal channel					Web Client Language	English
Smart Function							
VCA	4 VCA types (motion detection, cross line, intrusion, area entry and exit), max. 10 VCA rules					Power Supply	DC 12V
Temperature Measurement	3 temperature measurement rule types, 30 rules in total (10 points, 10 areas, and 10 lines).					Power Consumption	15W
Temperature Range	-20°C~+ 150°C (-4 °F to + 302°F)					Work Temperature/Humidity	-20°C~+60°C (-4°F~+140°F), <95%RH
Temperature Accuracy	± 8 °C (± 14.4 °F)					Protection Level	IP66TVS 6000V lightning protection, surge protection, voltage transient protection
Fire Detection	Support					Dimension	356mm×145mm×162mm
Thermal image smart function	Human, vehicles, vessels, animals detection					Weight	≤2.2Kg