VMGB-371

4MP f3.1mm Thermal Bullet with IR LED 40m, WDR 120dB



- 4 Megapixel, f3.1mm, Thermal Bullet
- IR LED 40m, Superior WDR (120 dB)
- Weatherproof (IP66), Vandal proof (IK10)
- Human Body Temperature Detection, Thermal Surveillance
- Thermal Resolution 160(H) X 120(V), NETD <40mK

Specifications

Product Profile

Product Type	Thermal Bullet
Product Application	Human Body Temperature Detection, Thermal Surveillance
Application Environment	Outdoor
Maximum Resolution	4MP
Image Sensor	Progressive Scan CMOS + Thermal sensor
Sensor Size	Optical: 1/2.7"
Effective Pixels	Thermal: 160(H) X 120(V) Optical: 2688(H) X 1520(V)
Spectral Range	8-14 µm
Thermal Sensitivity	NETD <40mK at F1.1
Spatial Resolution	5.48 mrad
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.0089 lux at F1.6 (AGC on); B/W: 0.0018 lux at F1.6 (AGC on)
Mechanical IR Cut Filter	Yes
IR LED	Adaptive IR LED
IR Working Distance	40m
Electronic Shutter	1-1/100000 second (auto mode)

Lens

Number of Lenses	2 Lenses
Focal Length	Fixed focal, f3.1mm (Thermal camera) Fixed focal, f4.0mm (Visual camera)
Focus	Fixed focus
Horizontal Viewing Angle	(Thermal camera) 50° (Visual camera) 84°
Vertical Viewing Angle	(Thermal camera) 37.2° (Visual camera) 44.8°

Video

Compression	H.265 Adaptive Stream, H.264 (Baseline/ Main/ High profile), MJPEG
Maximum Frame Rate vs. Resolution	(Visual camera) 30 fps at 2688 x 1520 30 fps at 1920 x 1080 30 fps at 1280 x 720 30 fps at 704 x 480 30 fps at 352 x 240 30 fps at 176 x 120 (Thermal camera) 25 fps at 1280 x 720 25 fps at 704 x 576 25 fps at 640 x 480 25 fps at 352 x 288 25 fps at 320 x 240
Multi-Streaming	Simultaneous dual streams
Digital Noise Reduction	3D DNR
Wide Dynamic Range	Superior WDR (120 dB)
Image Enhancement	White Balance
Built-in Analytics	Human Body Temperature Detection, Tampering Detection

Audio

Audio Type	2-way, Mic-in, Stereo Line-in, Line-out
Audio Compression	G.711, G.722.1, G.726, PCM, MP2L2

Network

Network Protocol & Service	IPv4/v6, TCP, UDP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, UPnP, QoS, SNMP, TLS 1.2, IEEE 802.1X
Ethernet Port	1 x Ethernet (10/100 Base-T), RJ-45 connector
Security	IP address filtering, HTTPS encryption, Password protected user level, IEEE 802.1X network access control

Temperature Measurement

Temperature Measurement Rules	3 types (point, area, line), up to 21 rules in total (10 points, 10 areas, 1 line)
Temperature Range	30°C ~ 45°C (86°F ~ 113°F)
Temperature Accuracy	±0.5°C

Event

Event Trigger	Tampering detection, Video motion detection, External device through digital input, Sound detection, Temperature Exception Detection (up to 10 points, 10 areas and 1 line)
Event Response	E-mail notification with snapshots, Save video to storage, Upload snapshot to FTP server, Activate external device through digital output

System

Language	Multi-Language, English, Traditional Chinese

Integration

ONVIF Compliant	Yes

Interface

Audio Interface	1/1, 3.5mm Phone Jack
Digital Input/Output	2/2

General

Power Source	DC 12V, PoE Class 3 (IEEE802.3af)
Power Consumption	6 W (DC), 6.5 W (PoE)
Dimensions	(L x W x H): 358.3mm x 113.5mm x 115.2mm (14.10" x 4.47" x 4.53")
Environmental Casing	Weatherproof (IP66), Vandal proof (IK10)
Corrosion Protection	Optional for project request. Chassis corrosion resistance at the seashore approximately 3 years.
Operating Temperature	10°C ~ 35°C (50°F ~ 95°F)
Real-time Clock (RTC)	Yes
Warranty	3 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty

Related Products

Mounting Accessories - Camera Mount

PMAX-0407		Corner Mount (for A42x, A42xD, A570, A570-P1, A570-P2, A7xD, A82xD, VMGB-359, VMGB-359-P1)
PMAX-0524		Pole Mount (for A46, A421, A422, A423, A425, VMGB-359), supports 2.64" to 5" Poles

Note: Some mounting accessories may need additional accessories for installation. Please check www.acti.com/mountingselector for more information.

Power Supply Accessories - Power Adapter

PPBX-0013		Power Adapter AC 100~240V (EU), for A3x, A4x, A88, A9x, Z31, Z8x, Z9x
PPBX-0014		Power Adapter AC 100~240V (UK), for A3x, A4x, A88, A9x, Z31, Z8x, Z9x
PPBX-0026		Power Adapter AC 100~240V (US), for A3x, A4x, A7x, A88, A9x, Z3x, Z4x, Z7x, Z8x, Z9x

Network & Storage Peripherals - Data Switch

PPSW-0102		PLANET FGSD-1011HP 8-Port 802.3at PoE Switch (PoE Budget 120W)
PPSW-0108		8-Port Gigabit 802.3at Managed PoE Switch (PoE Budget 120W)

PPSW-0109		8-Port 802.3at Smart Managed PoE Switch (PoE Budget 120W)
PPSW-1101		PLANET GS-4210-24PL4C 24-Port Gigabit 802.3at Managed PoE Switch (PoE Budget 440W)
PPSW-1107		24-port 10/100/1000Mbps PoE, Smart Managed Gigabit Ethernet PoE Switch
PPSW-2105		4-Port 802.3at Smart Managed Gigabit PoE Switch
PPSW-3101		16-Port Gigabit 802.3at Managed PoE Switch (PoE Budget 240W)
PPSW-3103		16-Port 802.3at PoE Switch (PoE Budget 250W)
PPSW-3104		16-Port 802.3at Smart Managed PoE Switch (PoE Budget 250W)
PPSW-3402		16-Port 10/100/1000T 802.3bt PoE + 8-Port 10/100/1000T + 4-Port 10G SFP+ Managed Ethernet Switch
PPSW-4205		24-Port 10/100/1000T 802.3at PoE + 2-Port 100/1000X SFP Managed Switch (PoE Budget 300W)