

# VMGB-371

## 4MP Human Temperature Detection Thermal Bullet with D/N, Adaptive IR, Superior WDR, SLLS, Fixed Lens



- Human Temperature Detection
- 4 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- Fixed Lens with f4.0mm/
- Superior WDR
- Wide Angle
- Event trigger, response and notification

### ► Specifications

#### Device

Product Type	Thermal Bullet
Maximum Resolution	4MP
Product Application	Human Temperature Detection
Application Environment	Outdoor
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	8-14μm
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	(Thermal camera) Fixed focal, f3.1mm (Visual camera) Fixed focal, f4.0mm
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, 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
Wide Dynamic Range	Superior WDR (120 dB)
Image Enhancement	White Balance
Digital Noise Reduction	3D DNR
Built-in Analytics	Human 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 Range	30°C ~ 45°C (86°F ~ 113°F)
Temperature Accuracy	±0.5°C

## Event

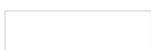
Event Trigger	Tampering detection, Video motion detection, External device through digital input, Sound detection, Temperature Exception Detection (up to 10 points, 10 areas and 1 line)
Event Response	E-mail notification with snapshots, Save video to local storage, Upload snapshot to FTP server, Activate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

## System

Language	Multi-Language, English, Traditional Chinese
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## Integration

ONVIF Compliant	Yes
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### Interface


Audio Interface	1/1, 3.5mm Phone Jack
Local Storage	MicroSD, MicroSDHC, MicroSDXC Memory Card Slot (card not included, up to 256GB, Kingston or Sandisk only)
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)
Corrosion Protection	Optional for project request. Chassis corrosion resistance at the seashore approximately 2-3 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 <a href="http://www.acti.com/support/warranty">http://www.acti.com/support/warranty</a>

## ▶ Related Products

### Metadata Generator Device - Metadata Camera

VMGB-370	 4MP Metadata Camera with Day/Night, IR LED, Built-in Human Temperature Detection
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### 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

