

**IPTHBCAMA05F01A****HEAT DET. BI-SP. BULLET CAMERA 5MP 384\*288**

Bullet IP thermal camera for measuring body temperature with a dual sensor: fixed 8 mm lens with resolution 5Mp@30fps, thermal sensor with resolution 384x288@30fps. Measurement accuracy  $\pm 0.5^{\circ}\text{C}$  ( $\pm 0.3^{\circ}\text{C}$  with Black Body), built-in flashing light and speaker, voice alarm on detection of an unusual body temperature, Bi-spectrum image fusion function, contactless body temperature measurement for up to 600 people per minute. Complete range of accessories for any type of installation IP67 waterproof enclosure, ONVIF compatible.



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**MAIN FEATURES**

|                                        |                                                                            |
|----------------------------------------|----------------------------------------------------------------------------|
| Camera sensor                          | Optical: 1/2.7" CMOS; Thermal: 17um vanadium oxide uncooled plane detector |
| Lens optical dimensions (mm)           | 8                                                                          |
| Horizontal FoV (°)                     | Optical: 38; Thermal: 29.7                                                 |
| Vertical FoV (°)                       | Optical: 27.5; Thermal: 22.5                                               |
| Electronic shutter (s)                 | 1/25÷100000                                                                |
| Sensitivity                            | 0.01 (colour), 0 (B/W, led IR ON)                                          |
| IR filter                              | Mechanical                                                                 |
| Video trasmission                      | Triple streaming                                                           |
| Management software                    | Comelit Advance VMS                                                        |
| Video resolution                       | Optical: 2592x1944 (5MP); Thermal: 384x288                                 |
| Sensor pixel pitch (µm)                | 17                                                                         |
| Thermal sensitivity of detector (NETD) | <35mK@25°C                                                                 |

**SOFTWARE/FIRMWARE SPECIFICATIONS**

|                                  |                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------|
| Video compression                | Smart H.265, H.265+, H.265, Smart H.264, H.264+, H.264, MJPEG                                              |
| Frame rate                       | 30fps                                                                                                      |
| Protocols supported              | DDNS, DHCP, FTP, HTTP, HTTPS, IPv4, IPv6, NTP, PPPoE, QoS, RTSP, SMTP, UDP, UPnP, ONVIF, SNMP, IEEE 802.1x |
| Users connected at the same time | 10 (live)                                                                                                  |
| Remote viewer from browser       | Internet Explorer                                                                                          |

**FUNCTIONS**

|                               |                                                                                                                                                                                                                                                                                          |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Main functions                | Watermarking                                                                                                                                                                                                                                                                             |
| Video analytics               | Scene change detection, Face detection, Face capture, Line crossing detection (human / vehicle classification), Region entrance / exit / intrusion detection (human / vehicle classification), Object abandoned / missing detection, Crowd density detection, Vehicles / people counting |
| Back light compensation (BLC) | BLC, HLC                                                                                                                                                                                                                                                                                 |



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### FUNCTIONS

|                            |                  |
|----------------------------|------------------|
| Digital effects            | Defog, ROI zones |
| Wide Dinamic Range (WDR)   | WDR (120dB)      |
| Enhanced DNR control       | 2DNR, 3DNR       |
| Display brightness control | Yes              |

### HARDWARE SPECIFICATIONS

|                                     |                               |
|-------------------------------------|-------------------------------|
| IR LED lighting distance            | 3 led arrays / 30m (Smart IR) |
| IP protection rating                | IP67                          |
| Alarm Inputs/Outputs                | 1/1                           |
| RS-485 control                      | Yes                           |
| LAN output type                     | Ethernet 10/100 Mbit/s (RJ45) |
| Support SD card (card not included) | Micro-SD (128GB max)          |

### GENERAL DATA

|                                 |                                |
|---------------------------------|--------------------------------|
| Supply voltage                  | 12VDC                          |
| Max absorption (W)              | 9                              |
| PoE power supply                | Standard IEEE802.3af (class 0) |
| Type of power supply            | PoE, External power supply     |
| Height (mm)                     | 88.7                           |
| Width (mm)                      | 100.2                          |
| Depth (mm)                      | 278.3                          |
| Product weight (g)              | 1180                           |
| Type of finishing materials     | Die-cast aluminum              |
| Housing type                    | Bullet                         |
| Product color                   | White                          |
| Operating temperature (°C)      | -20 ÷ 50                       |
| Operating humidity (RH max) (%) | 25 ÷ 95                        |



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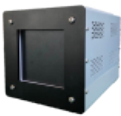
## **HEAT DET. BI-SP. BULLET CAMERA 5MP 384\*288**

### **ACCESSORIES**



#### **BRKTHCAMA TRIPOD FOR THERMAL CAMERAS**

Floor-standing tripod, for use in conjunction with fixing plate art. BRKTHCAMA01, for thermal camera art. IPTHBCAMA05F01A.



#### **BBTHA BLACK BODY THERMAL SELF-CALIBRATION**

Black body for self-calibration of thermal camera art. IPTHBCAMA05F01A. Adjustable temperature measurement range between 5 and 50°C, temperature resolution of 0.1°C, measurement accuracy  $\pm 0.1^\circ\text{C}@40^\circ\text{C}$ , measurement stability  $\pm 0.1\sim 0.2^\circ\text{C}/30$  minutes, laser application area 70x70 mm, effective emission  $0.97\pm 0.02$ .



#### **JBA-TBBA ADVANCE NEXT CONNECTION BOX IP66**

Junction box for securing Next and Advance cameras. For model compatibility please refer to the diagram in the download section.