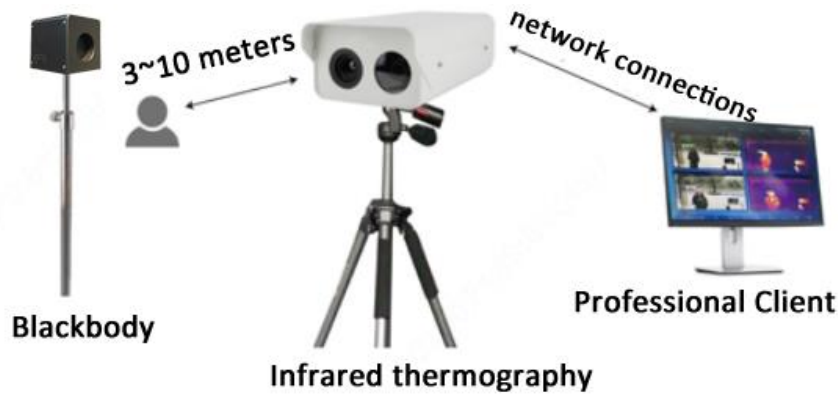# Automatic thermal temperature measurement and screening system

## TIC600



## Key Features

λ   Longer distance, large scenes can also be accurately and quickly screened
λ   The system contains blackbody, and the temperature measurement accuracy is ≤0.3℃
λ   Simultaneous temperature display of visible and infrared thermal imaging
λ   Real time thermal imaging, multi-target automatic temperature measurement
λ   Support automatic capture when alarm is triggered to provide evidence after the event
λ   Support automatic calibration of body and surface temperature to make temperature measurement more accurate
λ   Support historical alarm record query
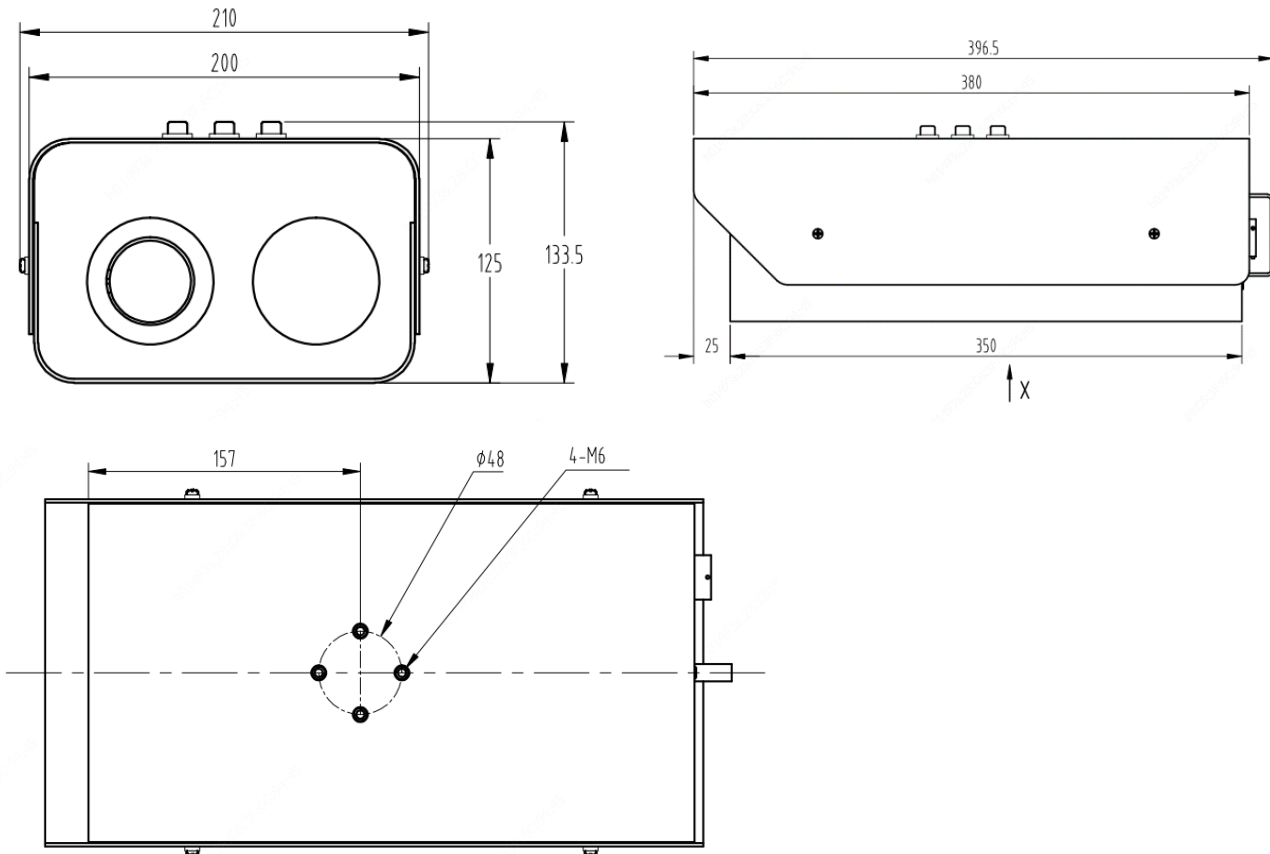λ   The whole system is delivered together with tripod, software, etc

## Specifications

| ITEM | TIC600 |
| --- | --- |
| Thermal | |
| Sensor type | Uncooled Focal Plane Arrays |
| Pixel size | 25μm |
| Maximum image size | 384*288 |
| Video frame rate | Max 25fps |
| NETD | ≤60mk |
| Response waveband | 8~14μm |
| Focal length | 18mm |
| Iris | F1.0 |
| Angle of View (H*V) | 25°*19° |
| Detection distance | 3~10 meters |
| Visible | |

| Sensor | 1/1.8", progressive scan, CMOS |
|---|---|
| Focus | Manual |
| Iris | Max F1.6 |
| Minimum illumination | Colour : 0.001Lux(F1.6, AGC ON) |
| | B/W : 0.0002Lux(F1.6, AGC ON) |
| S/N | ＞52dB |
| Defog | Optical & digital |
| Day/Night | IR-cut filter with auto switch (ICR) |
| Video Frame rate | 1920*1080, Max 30fps |
| WDR | 120dB |
| OSD | Up to 8 OSDs |
| SD card | Micro SD, up to 256GB |
| ANR | Support |
| Network protocols | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS |
| Focal length | 3.8~16mm |
| **Blackbody** | |
| Accuracy | ±0.2℃（Single point） |
| Stability | ±(0.1~0.2)℃/30min |
| Dimension | 135mm x 135mm x150mm |
| Power | 220V AC 50Hz |
| Power consumption | 60W |
| Radiation area | φ70mm |
| **General** | |
| **Temperature measurement accuracy** | |
| Environment temperature range | 16°C~32°C |
| Target temperature range | 32°C~42°C |
| Temperature measurement accuracy | ≤±0.3℃ |
| **Interface** | |
| Infrared machine head | Aviation plug |
| Network interfaces | RJ45 |
| **Power** | |
| Power | DC12V |
| Power consumption | ≤15W |
| **Weight** | |
| Infrared machine head | <5Kg |
| Blackbody | <3.5kg |
| **Function** | |
| Alarm | Multi abnormal temperature point alarm and automatic capture |
| Capture | Capture when alarm is triggered |

| Temperature display | Simultaneous display of temperature in infrared and visible light images |
|---|---|
| Correction of body and surface temperature | Support automatic temperature calibration |
| Environmental adaptability | |
| Working humidity | ≤90%RH(non-condensing) |
| Notes | |
| PC requirement | CPU I5 or more / memory 8G. Operating system win10, 64-bit.If you have a laptop, you must have a network port. |

## Dimensions (Unit: mm)



## Standard components

1pcs Thermography camera
1pcs Blackbody
2pcs Tripods
Power adapter