

# D56 SCREENING DEVICE

HANDHELD / TRIPOD

ANOMALY GROUP – UK APPOINTED DISTRIBUTOR

## INFORMATION

The D56 is simple to operate and can be connected to a remote display monitor. For best results, the unit must be fixed in position (tripod included) however, it can be used as a handheld device to scan people individually.

D56 is accurate to within  $\pm 0.5^{\circ}\text{C}$  and can monitor multiple people at a steady flow as they approach the camera. To determine an individual's core body temperature, the D56 takes surface temperature readings from the forehead.

The readings are then mapped against the pre-set alarm parameters to determine core body temperature. If an individual exceeds any of the pre-set parameters, it triggers a visual and optional audio alarm whilst capturing and storing an image for review.

## FEATURES

- Accurate readings within  $\pm 0.5^{\circ}\text{C}$
- Fast fever temperature detection of up to 5 individuals at once
- Maintain safe distance between operator and subjects (range between 2-4 metres)
- Automatic fever identification and visual alarm (optional audio)
- Image capture (SD memory card compatible)
- Compact and portable, suitable for mobile detection
- Tripod included (monitor HDMI compatible)
- Interchangeable batteries last up to 4 hours
- Device functions when connected to power supply

## TECHNICAL PARAMETER

- IR Resolution: 256x192
- H.264, video format with temp info
- 4" highlight LCD touch screen
- Camera Resolution: 5MP
- Tripod Included: YES
- Wifi Enabled
- IP Rating: IP54
- Certification: CE/ROHS/FCC

## APPLICATIONS

- Government Ministries
- Airports
- Sea Ports
- Rail Networks
- Hospitals
- Office Buildings
- Prisons
- Factories
- Underground Stations
- Construction Sites
- Service stations
- Hotels
- Sporting Events & Stadia
- Restaurants
- Shopping Centres
- Warehouses & Distribution Centres



WiFi  
4" touch screen

CE  RoHS Compliant 

## OPERATING MODES

### 3 OPERATING MODE

1. Identifying the surface temperature of an individual.
2. Mapping an individual's surface temperature against the pre-set alarm parameters.
3. Ideal for mass screening. The device can track up to 5 individuals simultaneously mapping their surface temperatures against the pre-set alarm parameters to determine their core body temperature.

### REGIONAL ALARM SETTING

Abnormal hot spots within the camera lens field of view caused by heat signatures (for example electrical switches or light fittings) can cause false alarms. The device has a Regional Alarm Setting which can be used to exclude these heat signatures.

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Model	D56
<b>IR Imaging &amp; Optical</b>	
IR resolution	256x192
Detector type	VOx/25µm/7.5~14µm
NETD	≤ 80mk
Focal length	7mm/F1.1
Field of view(FOV)	50°x 38°
Focus	Focus-free
<b>Image Presentation</b>	
Display	4" highlight LCD touch screen, 480× 800, 24 bits
Image modes	IR image/ Visual image
Brightness & Contrast	Automatic
<b>Measurement</b>	
Temperature range	20°C~50 °C
Accuracy	± 0.5°C (target temperature 32°C ~42 °C)
Measurement Area (IR)	5 X Area
Auto Max Temp Tracking	Full screen max temp tracking
Alarm	Max temp alarm (sound alarm)
<b>Storage</b>	
Image storage	In camera and TF card, Full Radiometric (JPG)
Video format	H.264, video format with temp info
<b>Hardware configuration</b>	
Visual Camera	Resolution:5MP
Wifi	Yes
Other	Laser, lighting, microphone, Speaker(Volume adjustable)
Loudspeaker	Yes
<b>Connections &amp; Communications</b>	
Data communication interface	MICRO USB 2.0, MICRO HDMI, Power(12V), TF card(Standard 16G, up to 32G)
<b>Power system</b>	
Battery type/Operating time	Rechargeable Li-ion battery (7.2V), operating time ≥ 4h; local charging, charging by dual-bay charger; Automatic shut -down and sleeping mode available
<b>Environmental Parameters</b>	
temperature range	Operating temp: 0°C~40°C; Storage temp: -40°C~70°C
Encapsulation	IP54
Weight	735g
Dimensions(mm)	274x 97x 78
Standard Accessories	Li-ion battery, Power supply adapter, Adapter plug, Wrist strap, USB cable, HDMI cable, Quick Start Guide, User Manual, Capacitive screen gloves, TF card (16GB), Tripod mount interface
Optional Accessories	Li-ion battery, Pouch, Battery charger, Tripod, Monitor

**Standard**

 THERMAL CAMERA  
WITH TRIPOD


\* Note: The temperature measurement accuracy is a typical value under the specified mode and application conditions. The final interpretation right belongs to our company.

# D56

EXAMPLE DIAGRAM  
OF CHANNEL DESIGN

