

T20 SCREENING DEVICE

HANDHELD / TRIPOD

ANOMALY GROUP – UK APPOINTED DISTRIBUTOR

INFORMATION

GUIDE T20 Fever Screening Thermal Camera is a fast temperature detection tool, which can be used to detect human temperature from a safety distance with accuracy of $\pm 0.5^{\circ}\text{C}$. It is an economical and practical thermal camera that could meet the needs of primary temperature screening well.

With two intelligent temperature screening modes, GUIDE T20 is not only suitable for flexible temperature screening, but also can be deployed at the entrances and exits of the public area, which makes it an ideal device to improve the efficiency of epidemic prevention and protect public health.

FEATURES

- Accurate temperature readings within $\pm 0.5^{\circ}\text{C}$
- Maintains distance between operator and subject
- Highly sensitive WLP IR detector (intellectual property)
- Automatic fever identification
- Range between 0.6~1.2 metres, maintain a safe distance when tripod mounted*F
- Visual warning - avoids panic and practices discretion
- Image capture (SD memory card compatible, save up to 100,000 image readings)
- TYPE-C interface, 2.5hour fast charge and battery life up to 8 hours
- Compact and portable, suitable for mobile detection (tripod compatible)

TECHNICAL PARAMETER

- IR Resolution: 120*90@17 μm
- Frame Rate: 25HZ
- Tripod Included: YES
- Operating Time: >8H
- Display Size/Type: 2.4inch LCD display
- Certification: CE/ROHS/FCC

APPLICATIONS

- | | |
|-------------------------|-------------------------------------|
| ■ Government Ministries | ■ Factories |
| ■ Construction Sites | ■ Hospitals |
| ■ Office Buildings | ■ Prisons |
| ■ Service Stations | ■ Hotels |
| ■ Schools | ■ Sporting Events & Stadia |
| ■ Care Homes | ■ Shopping Centres |
| ■ GP Surgeries | ■ Warehouses & Distribution Centres |
| ■ Restaurants | |



OPERATING MODES

SINGLE MODE

When taking a subject's reading, the camera should be held opposite their face between 0.7m to 0.9m. Operating the unit using the real-time interface, align the subjects face to the centre part of the picture. Press the "trigger button" to capture the image and display the temperature. When used with an SD memory card, press the "trigger button" again to save the image which will return the operator to the real-time interface.

FAST MODE

Best used at entrances and exits of venues, subjects need to approach the T20 head on due to the field of view being within an arc of 20~30° along the horizontal axis. The optimum operating distance along the horizontal axis is between 0.6m to 1.2m and vertically between 1.3m to 1.5m on a fixed tripod. Using the real-time interface, the maximum temperature in the image is auto tracked. Once an abnormal temperature is detected, the visual alarm will display, both capturing and saving the data automatically.

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Category	Item	Specification
IR Detector	IR resolution	120*90@17μ m
	Detector type	UncooledVox/7.5~14μm
	Frame Rate	25HZ
	NETD	60mk
	Focal Length/F#	2.28mm/F1.13
	FOV	50° x38°
	IFOV	7.6mrad
	Focus	Focus-free
Image Display	Display type	2.4inch LCD display
	Display Resolution	240*320
	Image Mode	IR Image
Temperature Measurement	Filter Range	20°C - 50°C
	Accuracy	± 0.5°C (Ambient temperature 25°C, target distance 1m, target temperature 32°C ~ 42°C)
	Measurement Point	Central point
	Image warning	Automatic fever identification with image warning (preset value: 37.3°C)
Image Storage	Storage Media	TF card (maximum support: 32G)
	Image Format	Full Radiometric (JPG) (120*90)
Communication Mode	USB	TYPE-C, TF Card slot
	Tripod Interface	YES
Power System	Battery Type	Rechargeable Li-ion battery
	Operating Time	>8H
	Charging Time	DC, ≤2.5H
Environmental Parameter	Operating Temperature	-10°C~50°C
	Storage Temperature	-40°C~70°C
	Encapsulation	IP54, 2-meter Drop Test
Others	Certification	CE/ROHS/FCC
	Weight	350g
	Dimension	194mm *61.5mm *76mm
	Standard Accessories	Wristband, Quick Start Guide, Charging adapter, Plug, USB cable, 16G TF Card

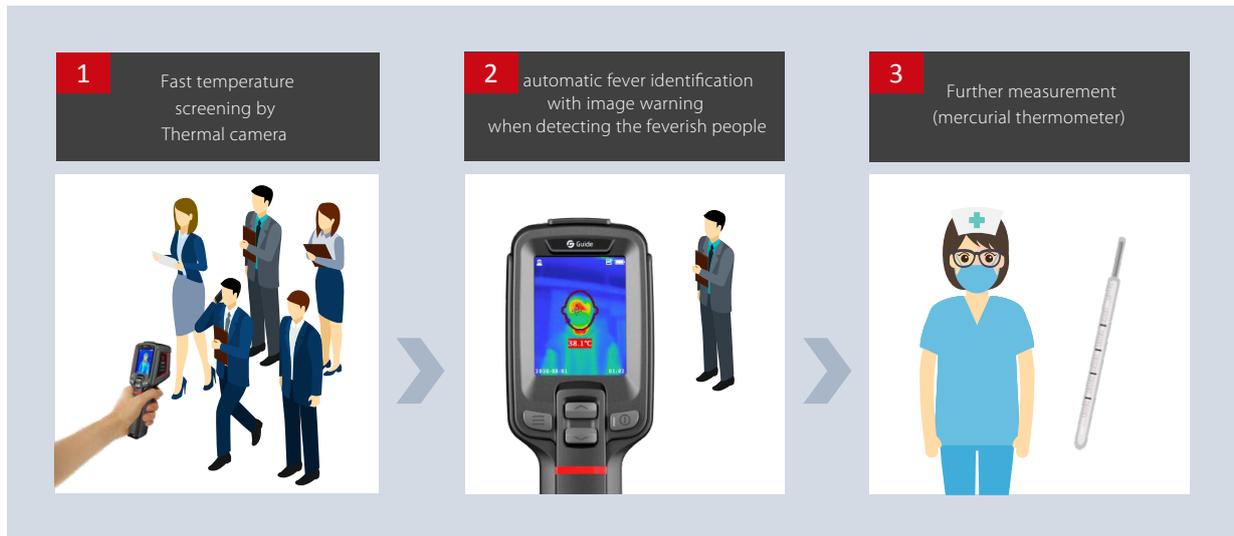
* Note: The temperature measurement accuracy is a typical value under the specified mode and application conditions. The final interpretation right belongs to our company.

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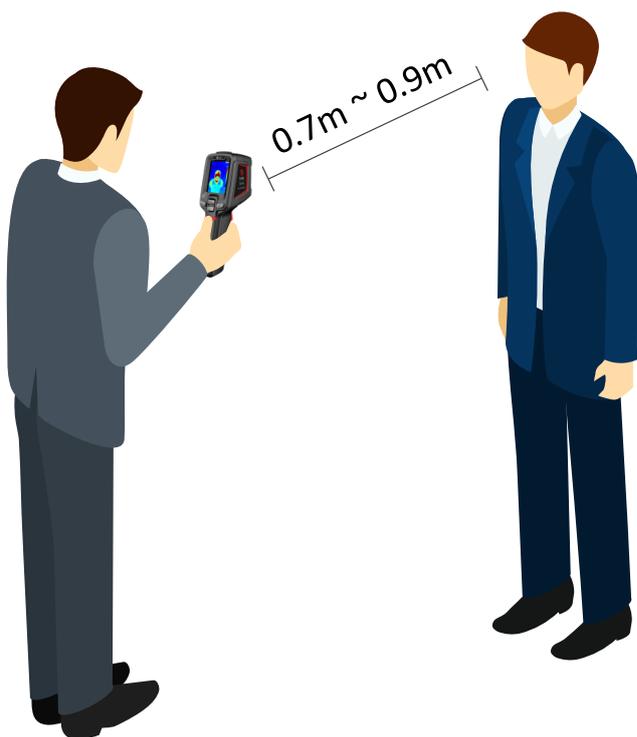
The process of thermal camera applied to temperature screening



T20 Suggested Scenario

1 Single Mode

In the real-time IR thermal image, ensure the "detected human face" is in the center of the frame. Press the trigger to freeze the image and display the temperature. Press the trigger again to save the image and return to the real-time IR thermal image.



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2 Fast Mode

In real-time IR thermal image, highest temp in the image will be auto-tracked. And once elevated temp detected, the image will be captured and saved automatically.

