

Group Temperature Screening Thermal Imaging with Face Detection

The TI-120GTS-Series thermal imager with AI integrated software is perfect for single and multi-person human body temperature screening. The high stability and accuracy of this device combined with the large detection distance maximizes screening throughput and safety.



Features

- Face detection for quick and accurate temperature scanning
- Visual and sound threshold alarms make it easy to detect higher than normal temperatures
- Superior stability and face detection minimize false alarms
- Intelligent AI adapts to changes in ambient temperature with real time adjustments
- Face detection technology allows for multiple people to be screened simultaneously
- Measurements can be taken from as far as 10.5 feet away, allowing the user to still exercise safe distancing

Specifications:

Model	TI-120GTS
IR Resolution	384 x 288 pixels
Detection Distance	2.6ft-10.5ft (0.8m-3.2m)
Thermal Sensitivity (NETD)	<0.05°C @ 30°C
Field of View (FOV)	28°H x 21°V
Detector Type	Polysilicon-FPA, uncooled microbolometer, 17 μm
Spectral Range	8-14 μm
Frame Rate	50 Hz
Temperature Range	68°F-140°F (20°C-60°C)
Temperature Accuracy	±0.9°F (0.5°C)
Temperature Stability	±0.9°F (0.5°C)
Alarm Function	Both color alarm and sound alarm
Image Format	Standard JPEG with temperature data
Software	Download free from Omega.com
Operating Temperature	32°F-104°F (0°C-40°C)
Storage Temperature	-4°F-122°F (-20°C-50°C)
Enclosure Rating	IP40
Weight	560g
Dimensions	97mm x 145mm x 93.5mm

*Scope of delivery: Camera with Standard Lens, DC adapter, 3m USB cord. Tripod/mounting items and laptop not included. Camera has standard tripod mount.

Software

The integrated face detection easily identifies multiple individuals simultaneously and measures their body temperature. The face detection also prevents false readings from other objects that may be hot like a cup of coffee or hot food.



Also the software gives visual and sound alarms when a high body temperature is detected. The high body temperature individual will have a red square appear around their face and a sound will be triggered.