



FLIR T360

NEW!

Thermal Imaging Camera for Scanning Elevated Body Temperatures

- Built-in “Automatic Temperature Compensator” (ATC) accounts for changes in ambient conditions, allowing for optimal use in hot or cold or changing environments
- “Color Alarming” makes it easy for operators to identify the “hot persons within a crowd”
- Portable, Hand-held operation, No PC needed
- “Threshold Fusion” allows operators to work in a visible – or “camcorder” – mode while still preserving “color alarming,” making it easier for operators to identify persons with a visible image – just like a digital camera
- Extremely accurate temperature measurement to $\pm 2^{\circ}\text{C}$ (3.6°F) or 2% of reading
- Maintenance-free, Uncooled, Microbolometer Detector



Handheld T360 infrared camera showing “threshold fusion” with “color alarming.”

FLIR T360 Features

- **Instant, Remote, Non-contact Temperature Measurement** – Identify persons with elevated body temperatures.
- **Automatic Temperature Compensator (ATC)** – Automatically normalizes for variations in ambient temperatures (i.e. room temperature), allowing operators to correctly identify “out-of-norm” persons with elevated body temperatures. This proprietary algorithm makes it easy for operators to “pick the hot persons out of a crowd.”
- **Color Alarming** – The “color alarming” feature allows operators to set a predetermined “threshold temperature,” for example of 101°F. When the camera detects a body temperature of 101° F or higher, it automatically colors that area of the face in a color of your choosing – say bright red as the image at the top of this page shows. This further helps the operator to “see” the prospect of an elevated body temperature quickly and more easily.
- **Threshold Fusion** – This allows the operator to view individuals through a FLIR camera much like one would do with an ordinary video camcorder, however, the thermal temperature data and color alarming features are set in the background. In this case, if an individual bears a body temperature of, for example, over 97°F, the camera would automatically “color” that section of the persons face – yellow in this picture to the right.
- **FLIR T-series telethermographic cameras, as designated by the FDA under Section 510 (k), for the following indications of use:**
 - > The FLIR devices are intended for use as an adjunct to other clinical diagnostic procedures in the diagnosis, quantifying, and screening of differences of skin surface temperature changes.
 - > It can visualize, document temperature patterns and changes.
 - > The environments of use are: hospitals, sub-acute, public areas (i.e. airports), etc.
- **Training** – FLIR manages the world’s largest infrared camera training organization, the Infrared Training Center or ITC. Expert guidance and training as well as post-sale technical support is available for deployments of FLIR thermal imagers for elevated body temperature detection. We offer training and post-sale technical and customer support worldwide.



Handheld T360 with “threshold fusion” and “color alarming” in visible camera mode.



Lightweight, ergonomic,
and easy to use!

FLIR T360 Specifications

Features		T360
Temperature range		-4°F to 662°F (-20°C to 350°C)
Image Storage		1000 Images (SD card memory)
Imaging Performance / Image Presentation		
Field of view/min focus distance		25° X 19°/1.31ft (0.4m)
Focus		Manual/Automatic
Thermal sensitivity (N.E.T.D)		<0.06°C at 30°C
Detector Type - Focal plane array (FPA) uncooled microbolometer		320 X 240 pixels
Spectral range		7.5 to 13µm
Display		Built-in touch-screen 3.5" color LCD
Image modes		Thermal/Visual/Fusion
Lens		25° (optional 15° and 45° lenses available)
Specifications		
Laser Classification/Type		Class 2/Semiconductor AlGaInP Diode Laser: 1mW/635nm (red)
Set-up controls		Mode selector, color palettes, configure info to be shown in image, local adaptation of units, language, date and time formats, and image gallery
Measurement modes		Special preconfigured screening mode for elevated body temperature scanning
Measurement correction		Reflected ambient temperature & emissivity correction
Battery Type/operating time		Li-Ion/ >4 hours, Display shows battery status
Charging system		In camera AC adapter/2 bay charging system
Shock		25G, IEC 68-2-29
Vibration		2G, IEC 68-2-6
Dimensions/Weight		4.2x7.9x4.9" (106x201x125mm)/1.94lbs (0.88kg), including battery

Thermal imaging scanning to detect elevated body temperature will vary with various factors and should not be relied upon as the sole determinant of a person's body temperature, whether or not they have a fever, or if they pose a health hazard. Use of additional medical devices and/or healthcare professionals will be needed to properly diagnose the condition of persons in any health screening assessment to identify elevated body temperature for any persons.

