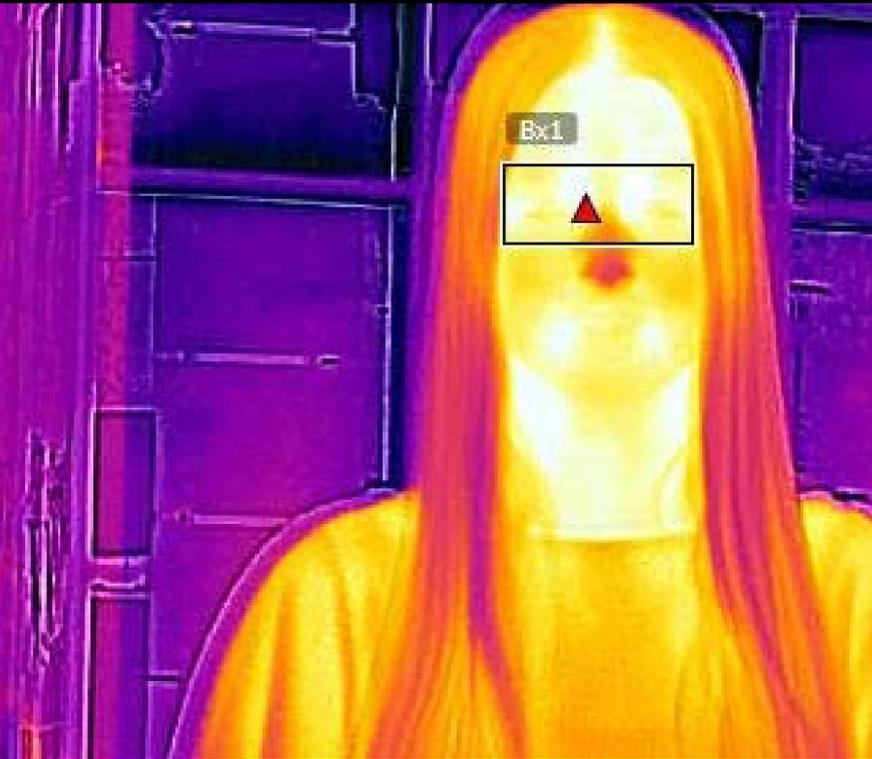




Why Go Handheld for Skin Temperature Screening?

Mobile, quick to set up, and ready to go in minutes

As businesses and venues begin to reopen, FLIR handheld thermal cameras can be a first line of defense against potential health risks. These cameras allow operators to screen people from a safe distance, detecting and visualizing heat to quickly identify individuals with an elevated skin temperature.



Fast, accurate, and easy to use

- Built-in Screen-EST Mode has visible/audible alarms for rapid decision-making
- Ambient drift compensation ensures accurate measurement regardless of environmental conditions
- Works with FLIR Screen-EST Desktop software for full-featured, automatic screening



Bright touchscreen display and pre-programmed buttons streamline initial set-up



Up to 4 hours of battery operation, or use external power



Integrated tripod mount for when hands-free use is needed

MAINTAINS SAFETY & PRIVACY

FLIR skin temperature screening solutions are non-contact, safe, and private. Thermal imagery displays heat—not identifying facial features—and FLIR thermal screening software does not require the capture, recording, or transmitting of personally identifiable information.

[LEARN MORE](#)

Why Go Handheld for Skin Temperature Screening?



	E54-EST	E86-EST	T540-EST	T560-EST
Infrared resolution	320 × 240 pixels	464 × 348 pixels	464 × 348 pixels	640 × 480 pixels
Thermal resolution/NETD	<40 mK @ 30°C (86°F)			
Frame rate	30 Hz			
Included lens	24° (17 mm) fixed	24° (17 mm) or 42° (10 mm)		
Field of view	24° × 18°	24° × 18° or 42° × 32°		
Focus	Manual	Continuous LDM, One-shot LDM, One-shot contrast, Manual		
Screening accuracy (drift)	±0.3°C (±0.5°F)			
Object temperature range	15°C to 45°C (59°F to 113°F)			
Video out	DisplayPort			
Digital data streaming	USB Type-C			
Command and control	On camera screen, USB Type-C			
Display	4 in. touchscreen LCD, 640 × 480 pixels			
Power	Rechargeable Li ion battery, >2.5 hrs (typical use)		Rechargeable Li ion battery, >4 hrs (typical use)	
External power	AC adapter 90–260 V AC, 50/60 Hz			
Size (L × W × H)	278.4 × 116.1 × 113.1 mm (11.0 × 4.6 × 4.4 in.)		140 × 201.3 × 84.1 mm (5.5 × 7.9 × 3.3 in.)	
Weight	1 kg (2.2 lb.)		1.3 kg (2.9 lb.)	
Tripod mounting	UNC ¼" -20			

CORPORATE HEADQUARTERS
 FLIR Systems, Inc.
 27700 SW Parkway Ave.
 Wilsonville, OR 97070
 USA
 PH: +1 866.477.3687

NASHUA
 FLIR Systems, Inc.
 9 Townsend West
 Nashua, NH 03063
 USA
 PH: +1 866.477.3687

LATIN AMERICA
 FLIR Systems Brasil
 Av. Antonio Bardella, 320
 Sorocaba, SP 18085-852
 Brasil
 PH: +55 15 3238 8070

CANADA
 FLIR Systems, Ltd.
 3430 South Service Road,
 Suite 103
 Burlington, ON L7N 3J5
 Canada
 PH: +1 800.613.0507

EUROPE
 FLIR Commercial Systems
 Luxemburgstraat 2
 2321 Meer Belgium
 PH: +32 (0) 3665 5100

ASIA
 FLIR Systems Co. Ltd.
 Room 1613 – 16, Tower 2
 Grand Central Plaza,
 No. 138 Shatin Rural
 Committee Road
 Shatin, New Territories
 Hong Kong
 PH: +852 2792 8955

Screen-EST™ is a simplified method for measuring elevated skin temperature that can sound or display an alarm when the camera detects an object or person with an elevated temperature compared against a sampled average temperature value. If the software detects an individual with elevated skin temperature, they can then be evaluated using a medical device such as a thermometer. In this way, FLIR Screen-EST provides a faster, safer method of screening people in high-traffic areas. Note that FLIR Screen-EST Desktop requires dual-streaming capability which can be added to FLIR handheld cameras as a firmware upgrade.

DISCLAIMER: FLIR devices are intended for use as an adjunct to clinical procedures in the screening of skin surface temperature. Various environmental and methodological factors can impact thermal imaging; therefore, it should not be relied upon as the sole determinant of a person's body temperature. Use of a medical device will be needed to identify elevated body temperature.

20-0714-EST HandHeld_leave_behind

