FLIR T600

The Best Ergonomics and an Economical New Thermal Resolution for Intensive Inspections

Inspect high and low comfortably all day and capture stunning shots effortlessly with the latest addition to thermal imaging's most flexible line of handheld cameras.

A New High IR Resolution – *Crisp thermal images with 172,800 pixels (480 x 360) for the better detection, pictures, and temperature measurements from long range.*

Exclusive Rotating Optical Block – *Work smarter. Scan targets overhead, under objects, and from tough angles effortlessly with the help of a lens system that lets you point 120° up or down while keeping the display in easy view.*

MSX® Enhancement – *Multi-Spectral Dynamic Imaging adds visible spectrum definition to IR images in real time for excellent thermal detail to help you instantly recognize the problem locations.*

Remote Control and Streaming Video via Wi-Fi – *Control camera functions, stream video for live monitoring, and import images and data from the camera using the FLIR Tools Mobile app on your smartphone or tablets so you can share critical information quickly from the field.*

Auto-Focus Precision – *FLIR T-Series cameras offer both manual control and the fastest auto-focus in the industry to snap in ultimate clarity and accuracy.*

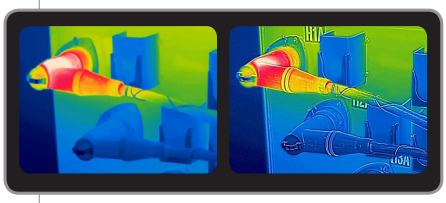
Accuracy – *Calibrated within +/– 2°C or +/– 2% of reading.*

Multiple Measurements – *Report all the details with 10 measurement spots, 5 box areas, Delta T temperature differential, isotherm, and auto hot/cold markers.*

METERLiNK® – *Wirelessly transmit vital diagnostic data from clamp and moisture meters directly to the camera for annotating thermal images to further support findings.*

See specification chart on back for accessories.

Wi-Fi Connectivity with FLIR Tools Mobile app

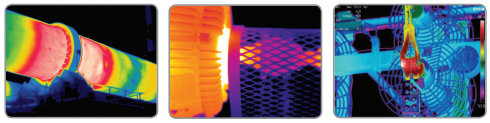


Original IR Image (left); MSX® Enhancement (right)

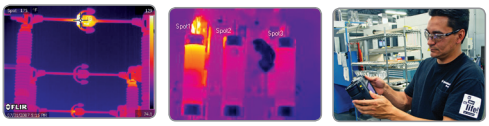
Built-in 5MP digital camera, LED lamps, laser pointer, diopter, rotating lens, image capture button and auto/manual focus.

Fused thermal images insert IR image set within a temperature interval onto corresponding digital image.

Applications



Use thermal imaging to locate electrical/mechanical problems, hot spots and other heat issues before they turn into costly failures & production downtime or electrical fires.



Scan substation components, motor control cabinets, buss ducts, and breaker panels for non-contact thermal images and temperature measurements to assess conditions.

Imaging Specifications

FEATURES	FLIR T600
Temperature range	-40°F to 1202°F (-40°C to 650°C)
Thermal sensitivity (N.E.T.D)	<0.04°C at 30°C
Digital Zoom	4X Continuous
Focus	Manual or Automatic (one shot)
LCD Image Sketch	Draw on stored images using the touchscreen
Multi-Spectral Dynamic Imaging (MSX)	IR image with enhanced detail presentation
Frame Rate	30Hz
Field of view/Minimum focus distance/FOV Match	25° x 19° / 0.82ft (0.25m) / Field of View Match where Digital Image FOV adapts to the IR lens
Detector Type - Focal plane array (FPA) uncooled microbolometer	480 x 360 pixels
Lens	30Hz
Display	Built-in touch-screen 4.3" color LCD (800 x 480 pixels)
Image modes	Thermal/Visual/Fused images/P-i-P/MSX (Resizable and movable) and Thumbnail Gallery
Automatic image adjustment	Continuous/manual; linear or histogram based; possible to lock max, min or span temperature
Manual image adjustment	Level/span/max/min
Image Storage	1000 radiometric JPEG images (SD card memory)
Image annotation	Voice (60 sec); text comments, Sketch
Periodic image storage	7 seconds to 24 hours (IR) and 14 seconds to 24 hours (IR and visual)
Video Lamp and Laser Pointer	Built-in dual LED lamps plus onboard laser pointer
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	10 Spotmeters, 5 Box areas, Isotherm, Auto hot/cold spot, Delta T
Measurement correction	Reflected ambient temperature & emissivity correction
Video Recording in Camera and Video Streaming	Non-radiometric IR-video recording (MPEG-4 to memory card), Visual and Radiometric IR-video streaming (Full dynamic to PC using USB or Wi-Fi), and Non-radiometric IR-video streaming (MPEG-4 using Wi-Fi and uncompressed colorized video using USB)
Battery Type/operating time	Li-Ion/ 2.5 hours, Display shows battery status
Charging system	In camera AC adapter/2 bay charging system
Shock / Vibration / Encapsulation; Safety	25G, IEC 60068-2-29 / 2G, IEC 60068-2-6 / IP54; EN/UL/CSA/PSE 60950-1
Dimensions/Weight	5.6 x 7.7 x 3.7" (143x196x94mm)/2.87lbs (1.3kg), including battery
Accessories included	SD Memory Card, 100-260V AC adaptor/charger, two Li-Ion rechargeable batteries, 2-bay battery charger, power supply (with multi-plugs), FLIR Tools™ software, USB cable, video cable, Bluetooth® headset, lens cap, neckstrap, and hard case

5-10-2 Protection

Warranty: 10-Year Detector Protection
5-Year Battery
2-Year Parts & Labor
(when camera is registered within 60 Days)

FLIR®