

# FLIR T340

Thermal Camera for Moving Targets

- Now with 50Hz (PAL)/ 60Hz (NTSC) frame rate for inspecting moving targets
- New 3.1 Mega pixels Integrated visual camera with lamp
- Advanced laser function helps to spot the measuring object more precisely
- Text and Voice annotations function allows user to add notes/ remarks to the IR image
- Picture-in-picture : thermal image overlay over the corresponding visual image for easy identification and interpretation
- Large 3.5" Color Touch-screen LCD
- Lightweight (0.88kg only)
- Wide options of Inter - changeable lens
- Package with FREE QuickReport software for easy reporting
- Inclusive fever-screening function\*

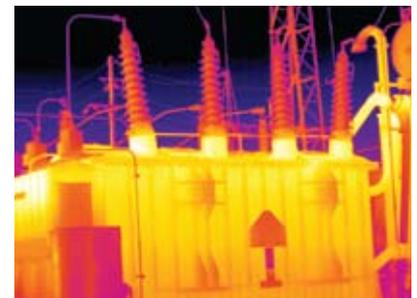


## FLIR T-Series Infrared Camera - Ideal for electrical and mechanical inspections

The first launch of FLIR T-Series of portable infrared camera takes infrared camera ergonomics, weight and ease-of-use to a new level. Usability is key: our engineers have translated user feedback on comfort and clarity into a series of comprehensive and innovative features. FLIR T340 has been specifically developed for application that requires fast image capture ability.

FLIR T340 is suitable for moving target thanks to the improved framerate. It delivers 320 x 240 IR resolution – that's 76,800 pixels. Capture thermal images at the same time you capture visible image with a built-in 3.1 mega pixels digital camera. Includes a target illuminator for low light situations. You can draw markers using Touch screen technology that works directly on the visual image.

\*Contact your nearest FLIR sales office for detail information.  
[www.FLIR.com/THG/salesoffice](http://www.FLIR.com/THG/salesoffice)



FLIR T340 now with 50Hz frame rate for inspecting moving targets



FLIR Fusion: pinpoints problems fast

# FLIR T340 Technical Specifications

<b>Imaging Performance</b>	
Field of view/min focus distance	25°x19° / 0.4 m
Thermal sensitivity (NETD)	< 0.08°C @ +30°C / 80 mK
Detector type	Focal Plane Array (FPA), uncooled microbolometer
IR resolution	320 x 240 pixels
Spectral range	7.5 to 13 µm
Digital zoom and pan/focus	1-4X continuous/auto & manual focus
Frequency	50Hz (PAL), 60Hz (NTSC)
I FOV	1.36 mrad
<b>Image Presentation</b>	
Image modes	IR image, visual image, MPEG4 video, thermal fusion, picture in picture, thumbnail gallery (in camera)
Thermal Fusion	IR image shown within temperature interval on visual image
Picture in Picture	Resizable, movable IR area on visual image
Display	Built-in touch screen, 3.5 inch LCD
Visible light camera resolution	2048 x 1536 (3.1 megapixels)
Video lamp	Yes
<b>Measurement</b>	
Object temperature ranges	-20°C to +120°C, 0°C to +350°C (High temperature options up to +1200°C)
Accuracy	±2°C or ±2% of reading
Measurement modes	5 Spotmeters, 5 Box areas, Isotherm, Auto hot/cold spot
Set-up controls	Color palettes : BW, BW inv, Iron, Rain Set-up commands: Local adaptation of units, language, date and time formats
Measurement corrections	Reflected temperature, optics transmission and atmospheric transmission
<b>Storage of images</b>	
Image storage	Standard JPEG, including measurement data, on memory card (1000+ images)
Image storage mode & formats	IR/visual images, simultaneous storage of IR and visual images, all standard JPEG
<b>Streaming</b>	
Video Streaming	16 bits fully radiometric
<b>Laser LocatIR™</b>	
Laser alignment	Activated by dedicated button, position is automatic displayed on the IR image
<b>Power Source</b>	
Battery	Li Ion, 4 hours operating time
Charging system	In camera (AC adapter or 12V from a vehicle) or 2-bay charger
Power management	Automatic shutdown and sleep mode (user selectable)
<b>Environmental</b>	
Operating temperature range	-15°C to +50°C
Storage temperature range	-40°C to +70°C
Humidity 95% relative humidity	+25°C to +40°C non condensing
Encapsulation	Camera housing and lens: IP 54 (IEC 60529)
Bump	25G, IEC 60068-2-29
Vibration	2G, IEC 60068-2-6
<b>Physical Characteristics</b>	
Weight	0.88 kg
Size (L xWx H)	106 x 201 x 125 mm
Tripod mounting	UNC 1/4" - 20
<b>Interfaces</b>	
USB (cable included)	Image transfer to PC
Video output	NTSC Video
<b>Software</b>	
Freeware in package	FLIR QuickReport™
Optional softwares available	FLIR Reporter™ 8 FLIR BuildIR Software (for Building) FLIR QuickPlot/ ResearchIR Software (for R&D)

<b>Camera includes:</b>
Hard transport case
Infrared camera with 25° lens
Battery
Battery charger
Calibration certificate
FLIR QuickReport™ PC software with CD-ROM
Headset
Mains cable
Memory card with adapter
Power supply
Printed Getting Started Guide
Sunshield
USB cable
User documentation CD-TOM
Video cable
Warranty extension card or Registration card
<b>Interchangeable lenses/options</b>
Optional Add-on optics, Telephoto lens, 15°
Optional Add-on optics, Wide angle lens, 45°
Optional Close-up lens 4X (100µm)
Optional Close-up lens 2X (50µm)
High temperature option (up to +1200°C)
12V car adapter
Hip/Belt mounted camera holster
Neck Strap



FLIR T340 is a powerful, small and light infrared camera with a tiltable IR unit and touch screen interface. All T-series cameras are made for electrical and mechanical inspections.

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