

BEYOND COMPARE



ThermaCAM™ T-Series

Probably the smartest infrared camera on earth

ThermaCAM™ T-Series

Truly beyond compare

The new T-Series camera from FLIR Systems is the proof of our determination to produce and market new world class infrared cameras which are user friendly, compact, lightweight, easy-to-use and with a comprehensive software support.

We responded to the application-driven markets and introduced an infrared camera for industrial environments.



Usability is key.

FLIR Systems engineers have translated user feedback with regards to comfort and image resolution into a series of comprehensive and innovative features.

- Outstanding ease-of-use
- Small and light weight
- Touch screen and sketching annotation feature
- Excellent infrared image quality
- Integrated digital camera
- Tilttable lens unit
- Infrared and visual image fusion function (Thermal Fusion)

Industrial applications

The new ThermaCAM T-Series is the ideal tool to spot problems in plants, factories or in any other situation.

Its features are application-driven and cover all needs as required by product development, production quality assurance, inspectors of electrical installations, maintenance and repair personnel, just to name some of the major fields of application.

- Supervise the production process and detect hidden faults
- Detect and measure heat development in electrical and mechanical devices
- Raise production output
- See blocked pipework and insulation defects
- Optimize product development
- Secure product quality
- Enhance work safety



Ergonomic design

Easy-to-use controls

Application-driven functions

As a complete camera system, the T-Series feature an integrated visual camera.

Its infrared image resolution and measurement functions suit the most diverse professional applications. The user interface is innovative and includes voice annotation with use of the standard headset. It is the first infrared camera equipped with a multifunctional LCD touch screen that allows the user to make text annotations, sketches and marking directly on the screen using the stylus. On top of this the menu handling and software are quick and easy to use.

Flashlight

Visual camera



COMPARE

Stylus



Tiltable lens unit

Laser pointer

ThermaCAM T400

Interchangeable infrared lens



Tiltable lens unit

An optimum mix of ergonomics, flexibility and features

The ThermoCAM T-Series' excellent unsurpassed look-and-feel, combined with a weight of just 880 g ensures an outstanding grip and user comfort – with a battery life of more than four hours.

Power / Functionality:



Measurement range

The T-Series measures temperatures from -20°C to +120°C or 0°C to 350°C (optional up to 1,200°C).



320x240 pixels

The T-Series infrared image resolution suits most applications



Visual camera

The integrated 1.3 Mpixel digital camera makes observing and inspecting faster and easier



4 hours battery life

The T-Series has an impressive operating time



Interfaces

The T-Series is equipped with standard video, USB outputs as well as a SD card



Interchangeable Infrared lens

The T-Series features a standard 25° lens and optional 15° and 45° lenses



FLIR Thermal Fusion

Merges visual and infrared images to offer better analysis.

Design / Ergonomics:



Tiltable lens unit

A 120° tiltability of the lens unit allows use in all situations, anywhere and from any perspective



880 g weight

The T-Series camera can boast the best possible functionality-weight ratio available due to the use of advanced materials and components compact



Look-and-feel

The camera comes in a magnesium metal housing, its exterior parts are made of, or covered with high-value synthetic materials to ensure a better grip and user comfort.

Ease-of-use / Features:



Touch screen

A 3.5" LCD touch screen plus stylus brings interactivity and user comfort to a new level. It allows sketching and graphical marks on the imagery



Text annotations

Make text annotations from pre-defined list or using the touchscreen



Sketch annotations

Add sketch annotations on the touch screen.



Voice annotations

Add voice comments to clarify your findings.



Temperature sound, image alarms

Make surveying easier and faster



Measurement modes

moveable measurement spots, auto hot/cold spot indication, isotherms, ΔT calculation



Automatic focus, zoom

Allows to adjust, measure and capture easily and quickly.

FLIR Systems AB

World Wide Thermography Center
Rinkebyvägen 19 - PO Box 3
SE-182 11 Danderyd
Sweden
Tel.: +46 (0)8 753 25 00
Fax: +46 (0)8 755 07 52
e-mail: sales@flir.se
www.flir.com

FLIR Systems France

10 rue Guynemer
F-92130 Issy les Moulineaux
France
Tel.: +33 (0)1 41 33 97 97
Fax: +33 (0)1 47 36 18 32
e-mail: info@flir.fr
www.flir.fr

FLIR Systems GmbH

Berner Strasse 81
D-60437 Frankfurt am Main
Germany
Tel.: +49 (0)69 95 00 900
Fax: +49 (0)69 95 00 9040
e-mail: info@flir.de
www.flir.de

FLIR Systems Ltd.

2 Kings Hill Avenue - Kings Hill
West Malling
Kent
ME19 4AQ
United Kingdom
Tel.: +44 (0)1732 220 011
Fax: +44 (0)1732 843 707
e-mail: sales@flir.uk.com
www.flir.com

FLIR Systems S.r.l.

Via L. Manara, 2
20051 Limbiate (MI)
Italy
Tel.: +39 02 99 45 10 01
Fax: +39 02 99 69 24 08
e-mail: info@flir.it
www.flirthermography.com

FLIR Systems AB

Uitbreidingstraat 60 - 62
B-2600 Berchem
Belgium
Tel.: +32 (0)3 287 87 10
Fax: +32 (0)3 287 87 29
e-mail: info@flir.be
www.flir.be

A complete package

The ThermoCAM T-Series come with a functional product box that allows the camera to be charged while being in the case. Moreover, the camera is placed in the box in such a way, that the user can work with the screen and link it with a computer without having to take it out.



The package includes:

- Cabling
- Battery charger
- LCD screen sun shield
- QuickReport™ software
- User manual
- Headset

Accessories

The ThermoCAM™ T-Series camera comes with a complete set of useful accessories to enhance your imaging and measurements applications.



30 mm / 15° lens



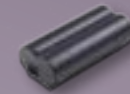
10 mm / 45° lens



Car charger



Battery charger



Extra Battery



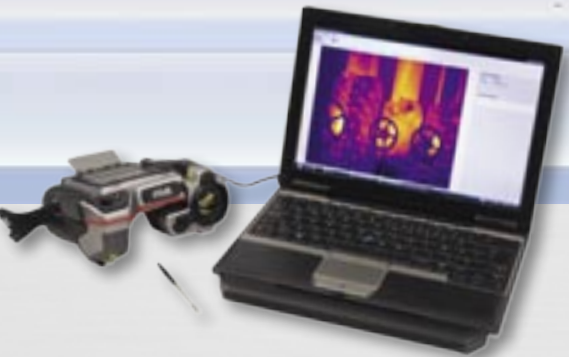
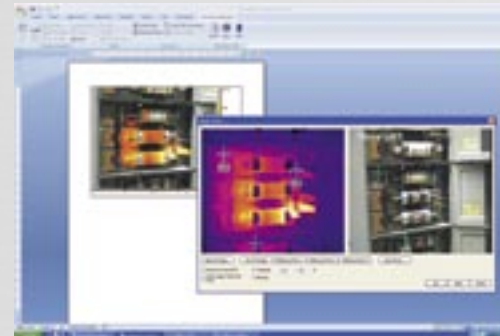
Software

The easiest way to share your images

Take infrared images, store them and review, analyze, present and distribute them afterwards. With the self explanatory software packages developed and provided by FLIR Systems it is done almost automatically.

QuickReport (standard included)

The QuickReport reporting software suite is a user-friendly tool to create inspection reports. It is included into the T Series package.



ThermoCAM™ Reporter™ (optional)

The ThermoCAM Reporter software is a professional reporting suite that allows the thermographer to concentrate on reviewing the images and making recommendations.