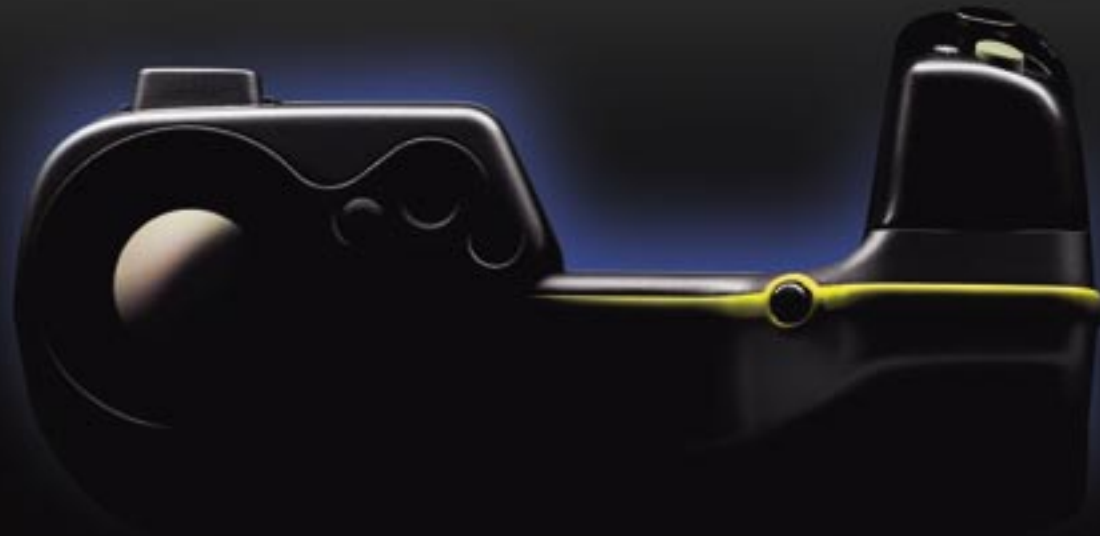


**BEYOND COMPARE**



ThermaCAM™ B-Series  
Probably the smartest infrared camera on earth

ThermaCAM™ B-Series

## Truly beyond compare

The new B-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)

## Building & Construction

The ThermaCAM B-Series clearly documents damage, repairs, restoration, insulation or HVAC (Heating Ventilation Air Conditioning) works. The camera shows customers the exact problem and eventually confirms that it has been repaired correctly. Moreover, it expands the range of services offered by building sector specialists, allowing them to serve their customer groups better.

- Locate air leakages in the building
- Find insulation defects
- Check repair quality
- Find moisture sources and structural problems quickly
- Locate heating & cooling losses with pinpoint accuracy
- Preventive check before restoration
- Locate encased structures



Ergonomic design

Easy-to-use controls

## Application-driven functions

As a complete camera system, the B-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

# BEYOND



# COMPARE

Stylus



Tiltable lens unit

Laser pointer

Interchangeable infrared lens



Tiltable lens unit

## An optimum mix of ergonomics, flexibility and features

The ThermoCAM B-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.

## 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 B-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.

## Power / Functionality:



### Measurement range

The B-Series model measures from -20°C to 120°C (optional up to 350°C).



### 320x240 pixels

The B-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 B-Series has an impressive operating time



### Interfaces

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



### Interchangeable Infrared lens

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



### FLIR Thermal Fusion

Merges visual and infrared images to offer better analysis.

## 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,  $\Delta T$  calculation



### Automatic focus, zoom

Allows to adjust, measure and capture easily and quickly.

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## A complete package

The ThermoCAM B-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 (B400)

## Accessories

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



## 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 B-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.