Flir B-Cam Thermal Imaging Camera



Model Number: Bcam

Flir B-Cam Thermal Imaging Camera

Manufacturer: Flir Systems

BCAM™
The BCAM infrared camera offers a non-invasive means of monitoring and diagnosing the conditions of buildings, providing immediate high-resolution thermal imagery, revealing potential structural and moisture issues, energy efficiency and even rodent or pest discovery.
FREE GROUND SHIPPING AND INSURANCE!

Rugged, Ergonomic & Lightweight
Hold in your hand, clip to your belt or place in your toolbox, the BCAM weighs just 1.25 lbs. It is the lightest IR and thermal imaging storage camera in the world. Dust and splash proof, the BCAM meets IP 54 standards and withstands harsh industrial environments.

Flexible JPEG Image Storage
Store and recall JPEG images in the camera’s on-board memory. Recall, analyze and share your findings with others in the field using the camera’s LCD.The built-in Laser LocatIR™ quickly helps you associate the hot spot on the IR image with the real physical target. This feature greatly enhances the ability to target inconsistencies.

View Sensitive Thermal Images
A maintenance-free, state-of-the-art uncooled FPA infrared detector produces highly sensitive thermal images that allow you to detect subtle temperature variations that can signal moisture content in building materials.

Download and Document
Download thermal images to your PC quickly with QuickView™ software and standard USB cables. Document your findings simply by inserting JPEGs into your favorite word processing programs.

Smart Power Management
Lightweight, long life Li-Ion battery assures uninterrupted inspections for up to 7 hours on a single charge. BCAM includes an internal battery charger and one battery. Optional car/truck charger and additional batteries are available.

Automatic Color Alarm
The BCAM features an automatic color alarm to quickly alert users to moisture-laden areas during building scans – invaluable to detect potential areas of mold growth, as well as verify when structures are moisture-free during the drying out

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process.

Fast Detection for Fast Action
Instantly image entire rooms, inspect places that can’t be physically reached with moisture meters, reveal wet conditions behind surfaces such as enameled walls and wallpaper that don’t readily water stain, track leaks to their source, monitor the drying process, and confirm when a structure is dry.

Specifications:

Imaging Performance

Field of view/min focus distance

Fixed 25° x 25°/0.3m

Thermal sensitivity

< 0.15° C at 25° C

Detector type

Focal plane array (FPA) uncooled microbolometer; 120 x 120 pixels

Spectral range

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7.5 to 13 µm

Image Presentation

Display

3.5" color LCD, 240 x 240 pixels

Video output

MPEG-4 over USB

Image controls

Palettes (color, B/W), level, span, auto adjust (continuous/manual)

Set-up controls

Date/time, language (English, Spanish), info, LCD intensity (high/normal/low), power down

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Temperature range

-10° C to +100° C (+14° F to +212° F)

Image Storage

Digital storage functions

Store, Delete all images, Delete image, Open

Image storage

JPEG Images

Laser LocatIR

Classification

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Class 2

Type

Semiconductor AlGaInP Diode Laser: 1mW/635 nm (red)

Power Source

Battery type

Li-Ion

Battery operating time

7 hours. Display shows battery status

Charging system

In camera, AC adapter or 12V from car with optional 12V cable.

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AC operation

AC adapter 90-360 VAC, 50/60 Hz / 12VDC out

Voltage

11-16 VDC

Power saving

Automatic shutdown (user-selectable)

Environmental

Operating temperature range

-15° C to +50° C (+5° F to 122° F)

Storage temperature range

-20° C to +70° C (-4° F to 158° F)

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Humidity

Operating and storage 20% to 80%, non-condensing, IEC 359

Water and dust resistant (encapsulation)

IP 54

Shock

25G, IEC 68-2-29

Vibration

2G, IEC 68-2-6

Physical Characteristics

Weight

<1.25 lbs. (0.55kg), including battery

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Size (L x W x H)

243mm x 81mm x 103mm (9.6" x 3.2" x 4.1")

Color

Red

Tripod Mounting

Standard, 1/4" - 20

Interfaces

USB

Image transfer to PC

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Measurement

Meaasurement modes

One fixed spot, color alarm above or below

Availability: This product was added to our catalog on Wednesday 23 January, 2008

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