

# B-Series InfraRed Cameras

**For non-invasive monitoring and diagnosing of building conditions**

Providing immediate high resolution visual and thermal imagery, revealing potential structural and moisture issues, energy efficiency and even rodent or pest discovery

## Features:

- Instant imaging of entire room to reveal wet conditions behind surfaces, such as enameled walls and wallpaper and even in places where moisture meters can't reach
- Insulation Alarm easily detects areas that don't fulfill the insulation requirements
- Dew Point Alarm displays areas with risk of surface condensation where mold growth could occur
- High quality 200 x 150 IR resolution
- 2% measurement accuracy — critical for condition monitoring of thermally sensitive targets
- Integral 1280 x 1024 (1.3 Mega Pixel) visible light camera with 1000 cd lamp for quality visible images
- On-camera Picture in Picture (PIP) image fusion capability to see a scalable infrared light image super-imposed in a visible light image
- 3.5" touch-screen LCD
- Thumbnail image gallery helps you to quickly review and find your infrared images
- 1X-2X continuous zoom with auto/manual focus and optional interchangeable lenses for greater versatility
- >4 hour continuous operation on a single charge for uninterrupted inspections
- Built-in Laser LocatIR™ pointer quickly helps you associate the hot spot on the IR image with the real physical target which greatly enhances the ability to target inconsistencies
- SD memory card stores up to 1000 Radiometric JPEG format images. Each image can be analyzed using the included QuickReport™ PC Software
- Complete with SD Memory Card, Li-Ion rechargeable battery with 100-260V AC adaptor/charger, 2-bay battery charger, QuickReport software with USB Mini-B cable, video cable, sun shield, stylus pen & headset (T250), camera lens cap and transport case




## FLIR B250 Additional Features


- Voice comment recording
- Text from touch screen
- Image marker allows sketching on the screen

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

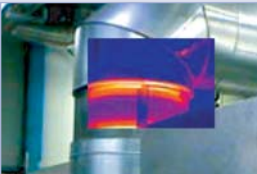




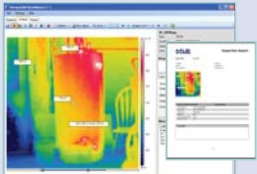
**Multifunction Touch Screen** allows quick and easy camera software menu handling



**Touch Screen Drawing** feature for Model B250 allows sketching and marking directly on the screen



**Fusion - Picture in Picture (PIP)** feature displays visual and thermal images simultaneously



**QuickReport PC software** enables user to analyze Temperature of all thermal pixels of any FLIR Camera JPEG images

## Ordering Information:

- FLIR B200** .....InfraRed Camera  
**FLIR B250** .....InfraRed Camera with Voice & Image Marker/Sketch
- ACCESSORIES**
- 1196398.....Li-Ion Rechargeable Battery
  - 1910399.....AC Adapter Charger (110-240V, U.S. Plug)
  - 1910490.....Cigarette Lighter Adapter Kit, 12VDC (1.2m cable)
  - 1196474.....2-Bay Battery Charger including Power Supply (U.S. plug)
  - 1196960.....Lens f=10mm 45° with case
  - 1196961.....Lens f=30mm 15° with case
  - 1124544.....Neck Strap
  - 1124545.....Camera Pouch
  - ITC LEVEL 1** ..ITC Level I Certification Training per attendee

Features	
Temperature range	-4°F to 248°F (-20°C to 120°C)
Image Storage	1000 Images (SD card memory)
Imaging Performance / Image Presentation	
Field of view/min focus distance	25° X 19°/1.31ft (0.4m)
Focus	Manual/Automatic
Thermal sensitivity (N.E.T.D)	<0.08°C at 30°C (B200); <0.07°C at 30°C (B250)
Detector Type	Focal plane array (FPA) uncooled microbolometer; 200 X 150 pixels
Spectral range	7.5 to 13µm
Display	Built-in touch-screen 3.5" color LCD
Image modes	Thermal/Visual/Picture in Picture
Image annotation (T250 only)	Voice (60 sec); text from list, Sketch, image markers on IR/Visual
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	5 Spotmeters, 5 Box areas, Isotherm, Auto hot/cold spot
Measurement correction	Reflected ambient temperature & emissivity correction
Power Source / Environmental Specs	
Battery Type	Li-Ion
Battery operating time	>4 hours, Display shows battery status
Charging system	In camera AC adapter/2 bay charging system
AC operation	AC adaptor 90-260VAC, 50/60Hz
Adaptor Voltage	12 VDC output to camera
Operating temperature range	5°F to 122°F (-15°C to 50°C)
Storage temperature range	-40°F to 158°F (-40°C to 70°C)
Humidity	Operating and storage 10% to 95%, non-condensing, IEC 359
Shock	25G, IEC 68-2-29
Vibration	2G, IEC 68-2-6
Dimensions/Weight	4.2x7.9x4.9" (106x201x125mm)/1.94lbs (0.88kg), including battery