



FLIR B-Series

# FLIR B335

Infrared Camera with Picture in Picture and Touch-Screen Display

FLIR B335 is a small and light-weight infrared camera with excellent image quality and high sensitivity, ideal for building diagnostics and energy declaration surveys. The camera has Picture in Picture, text/voice annotations and interchangeable lenses.

- 50 mK thermal sensitivity
- IR resolution 320 x 240 pixels
- Digital camera, 3.1 Mp with LED lights
- Dew point & Insulation alarm
- Picture in Picture
- Text and voice annotations
- MeterLink™



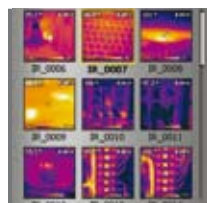
Multifunction 3.5" Touch Screen



Picture in Picture (PiP)



120° lens rotation



Thumbnail Image Gallery



## FLIR B335 Features

- **High Resolution IR Images** — 320 x 240 pixels infrared resolution, NETD 50 mK
- **Digital Camera** — 3.1 Megapixels with built-in LED lights provides sharp images regardless of lighting conditions
- **Wide Temperature Range** — Measures from -20 °C to +120 °C targeting building applications
- **Insulation alarm** — Shows the insulation performance of the building structure
- **Dew point alarm** — Alerts you to the areas where there is a risk of condensation
- **Zoom** — 2x continuous digital zoom for capturing small details
- **Picture in Picture (PiP)** — Displays IR image super-imposed over a digital image
- **Laser Pointer** — Pinpoints the hot spot on the IR image with the real physical target
- **Annotations** — Add text and voice comments via touch screen or headset
- **± 2% Accuracy** — Reliable temperature measurement
- **Thumbnail Image Gallery** — Allows quick search of stored images
- **MeterLink™** — Wirelessly transmit data from clamp or moisture meter to your infrared camera
- **Copy to USB** — Upload images and measurement findings to USB stick
- **IR Window Auto-Correction** — Automatic sensitivity adjustment when inspecting high voltage through safety IR windows
- **Li-Ion Rechargeable Battery** — Replaceable battery lasts > 4 hours of continuous use
- **Interchangeable Optics** — Standard 25° lens and optional 6°, 15°, 45°, 90° and close up lenses
- **Standard SD Card** — Stores more than 1000 radiometric JPEG images
- **Includes** — SD Memory Card, Li-Ion rechargeable battery with 100-260V AC adaptor/charger, 2-bay battery charger, QuickReport software, USB Mini-B cable, video cable, sun shield, calibration certificate, stylus pen & headset, camera lens cap, and transport case



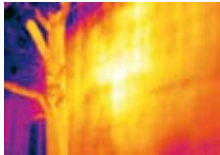
METERLINK  
Bluetooth

### What is MeterLink™?

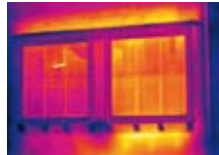
MeterLink displays and documents readings from your Extech moisture- or clamp meter directly on your infrared image using Bluetooth wireless connection.

MeterLink, a FLIR industry-first technology, will: greatly improve your diagnostics, save time annotating readings, eliminate data errors, and add more customer value to your reports.

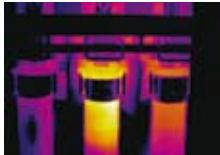
# Applications



Building: Water and mildew in wall



Building: Heat Loss



Electrical: Hot Fuses



Building: Heat Loss



## FLIR B335 Specifications

Imaging and optical data	
Field of view (FOV)	25° × 19° / 0.4 m
Thermal sensitivity/NETD	< 0.05°C @ +30°C (+86°F) / 50 mK
Image Frequency	9 Hz
Focus	Manual/Automatic
Zoom	1–2× continuous, digital zoom, including panning
Spectral range	7.5–13 µm
IR resolution	320 × 240 pixels
Image presentation	
Display	Built-in touch screen, 3.5" color LCD
Image modes	IR image, visual image, picture in picture, thumbnail gallery
Picture in Picture	Scalable IR area on visual image
Measurement	
Object temperature range	–20°C to +120°C High Temperature option +350°C High Temperature option +1200°C
Accuracy	±2°C or ±2% of reading
Measurement analysis	
Spotmeter	5
Area	5 boxes with max./min./average
Isotherm	Detect high/low temperature/interval
Dew point alarm	1 dew point alarm
Insulation alarm	1 insulation alarm
Set-up	
Color palettes	BW, BW inv, Iron, Rain
Storage of images	
Image storage	Standard JPEG, including measurement data, on memory card
Image storage mode	IR/visual images; simultaneous storage of IR and visual images
Video recording and streaming	
Radiometric IR-video streaming	Full dynamic to PC using USB
Non-radiometric IR-video streaming	MPEG-4 to PC using USB
Image annotations	
Voice	60 seconds
Text	Text from predefined list or soft keyboard on touch screen
MeterLink	Connect Extech Clamp Meter EX845/Moisture Meter M0297 via Bluetooth®
Digital camera	
Built-in digital camera	3.1 Mpixel (2048 × 1536 pixels), and LED lights
Physical data	
Camera weight, incl. battery	0.88 kg
Camera size (L × W × H)	106 × 201 × 125 mm

Specifications and prices subject to change without notice.

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### Optional Software

- **FLIR Reporter™**  
A powerful yet easy-to-use tool to generate comprehensive and professional infrared inspection reports.
- **FLIR QuickPlot™ and ResearchIR**  
A software designs for entry to mid-level R&D application that helps to visualize thermal patterns

### Accessories

- Pouch
- Extra battery
- Battery charger
- Car charger
- Selection of lenses



### Training

FLIR cooperates with Infrared Training Centre, an independent, ISO certified, worldwide training facility. ITC offers infrared training, certifications accepted by many standardization organizations, and specialized instruction in various application areas. For more info visit [www.infraredtraining.com](http://www.infraredtraining.com)

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