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Model Number: B40

Abatement Technologies Flir B40 Thermal Imaging Camera

Manufacturer: Abatement Technologies

Print Brochure:

Provides Non-Invasive Monitoring and Diagnosis of Wet Conditions Behind Walls and Under Surfaces

The FLIR b40 Thermal Imaging Camera uses the latest infrared detector technology to instantly reveal wet conditions behind walls and under surfaces. The FLIR b40 captures an entire room and indicates moisture levels in places where moisture meters can't reach.

High-tech features of the FLIR b40 Thermal Imaging Camera include:

- Lightweight - Weighs only 1.3 pounds for easy one-handed operation
- Picture-in-Picture Fusion Technology - Displays thermal image super-imposed over a digital image
- Dew Point Alarm - Displays building areas where surface condensation is present and shows a potential for mold growth
- Insulation Alarm - Identifies insufficient insulation in buildings where insulation requirements are not met
- Sharp Image Resolution - 3.5" LCD with razor sharp 14,400 pixel resolution (120 x 120 pixels)
- Visible Light Digital Camera - 0.6 mega-pixel resolution with LED lamps provides sharp images regardless of lighting conditions
- 0.1°C Thermal Sensitivity - Provides the resolution needed to find problems faster and easier
- Optimized Temperature Range - Measures from -4 to 248°F (-20 to 120°C) targeting building applications
- Convenient Thumbnail Image Gallery - Allows quick search of stored images
- Radiometric JPEG Images - Patented technology used to save images in standard JPEG format for easy e-mailing and analysis using QuickReport &trade; PC Software (included)
- 100 GB microSD Card - Store more than 1,000 radiometric JPEG images
- Li-Ion Rechargeable Battery - Battery lasts for 5 hours of continuous use
- Area (Min/Max) Mode - Spot marker shows the minimum or the maximum temperature reading within the selected area

Includes: 1 GB microSD card, miniSD adaptor, Li-Ion rechargeable battery, power supply, QuickReport software, USB cable, lens cap, hand strap and heavy duty case.

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Applications

Thermal Imagers and Infrared Camera Industry

Asphalt  
Automation/OEM  
Automotive  
Building Diagnostics

Energy Audits  
Food  
Home Inspection  
Law Enforcement

Manufacturing  
Marine Surveyor  
Medical  
PetroChem

Predictive Maintenance  
Pulp and Paper  
R&D/Testing  
Range Phenomenology

Roofing  
Steel  
Utility Market  
Veterinarian

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Specifications

General Features

Details

Temperature Range

-4F to 248F (-20C to 120C)

Temperature Accuracy

2C or 2% of reading

Image Storage

1000 Images (1GB micro SD memory card)

Emissivity

0.1 to 1.0 (adjustable); EmissivityTable

Imaging Performance/  
Image Presentation

Details

Field of View /  
Minimum Focus Distance

25 X 25 / 0.10m (3.9")

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Thermal Sensitivity (N.E.T.D)

<0.1C at 25C

Detector Type

Focal plane array (FPA) uncooled micro-bolometer;  
14,400 pixels (120X120)

Spectral Range

7.5 to 13m

Display

3.5" color LCD

Video Output

MPEG-4 via USB

Image Modes

Thermal, Visual, and Fusion

Fusion Picture in Picture  
(PIP)

Fixed

Visible Light Camera Resolution

0.6 Megapixels

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Image Controls

Palettes (Iron, Rainbow, and Black/White), level, span, auto adjust (continuous/manual)

Focus

Manual

Set-up Controls

Date/time, info, LCD intensity, power down, and 21 languages

Measurement modes

Spot (center); Area (min/max)

Battery Type/  
Operating time

Li-Ion / 5 hours, Display shows battery status

Dimensions/ Weight

9.3 x 3.2 x 6.9" (235 x 81 x 175mm)/  
<1.32lbs (600g), including battery

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Sales tax is collected for GA and TX unless you have a resale certificate on file that you are going to rent out this equipment.

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*Availability: This product was added to our catalog on Wednesday 09 March, 2011*