Low Cost, High Quality!

FLIR SYSTEMS™
The World Leader in Infrared Cameras

BCAM™ SD
YOUR BUILDING INSPECTOR

The new and improved SD model of the BCAM gives you more image storage, more image quality and more post-processing capabilities! The BCAM SD infrared camera offers a non-invasive means of monitoring and diagnosing the conditions of building.

- > Stores 1,000 Radiometric JPEG Images
- > Razor-Sharp, Thermal Image Quality
- > Long, 7 Hour Battery Life
- > Ultra-Portable, Weighs Just 1.2 lbs.

- > Built-in Laser LocatIR,™ Removeable SD Memory Card
- > Includes New, Powerful QuickReport Software
- > Easy-to-operate, Large 3.5 Full Color LCD
- > Dew Point, Insulation and Color Alarm Features

Find Problems Fast

Monitor and diagnose the condition of buildings quickly and view crisp thermal images on the large 3.5" color LCD. Highlight and analyze problems, store images and document results.

Rugged, Ergonomic & Lightweight

Hold in your hand, clip to your belt or place in your toolbox, the BCAM SD weighs just 1.21 lbs. It is the lightest IR and thermal imaging storage camera in the world. Dust and splash proof, the BCAM SD meets IP 54 standards and withstands harsh industrial environments.

Flexible JPEG Image Storage

InfraCAM SD stores 1,000 images in standard radiometric JPEG format. Insert your images directly into email, MicroSoft® Word or Powerpoint. ®Recall, analyze and share your findings with others in the field using the camera's LCD. With the new SD card, you are no longer tethered to your computer!

Pinpoint Problems with Precision

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

Now with improved sensitivity, you can see smaller temperture differences and get sharper 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 Report! QuickReport Software

Download thermal images to your PC quickly with QuickReport™ software and standard USB cables. Powerful, easy-to-use software for downloading images, making analysis and reports. The BCAM SD is also compatible with the new, feature-rich ThermaCAM® Reporter 8 Software.

Smart Power Management

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

Automatic Color Alarm

The BCAM SD 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 process.
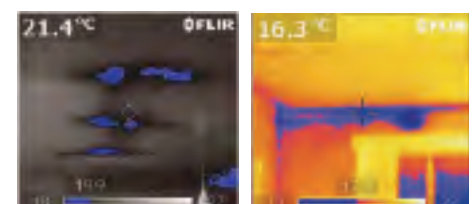
Fast Detection for Fast Action

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.

Now even easier to use with the "Area min-max function" that instantly finds the hottest or coldest temperature of a target and eliminates the risk of missing key information.

Find Insulation Defects & Prevent Moisture Damage

With the Insulation Alarm you can easily detect areas that don't fulfill the insulation requirements. The Dew Point Alarm displays areas with risk of surface condensation where mold growth could occur.

Insulation Alarm   *Dew Point Alarm*

Imaging Performance	
Field of view/min focus distance	Fixed 25° x 25°/0.3m
Measurement mode	One fixed spot, color alarm above/below, dew point alarm and insulation alarm
Detector type	Focal plane array (FPA) uncooled microbolometer; 120 x 120 pixels
Spectral range	7.5 to 13 µm
Temperature range	-10° C to +100° C (+14° F to +212° F)
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
Image Storage	
Digital storage functions	Store, Delete all images, Delete image, Open
Image storage	1000 JPEG Images, removable SD Card (128MB - included)
Laser LocatIR	
Classification	Class 2
Type	Semiconductor AlGaInP Diode Laser: 1mW/635 nm (red)
Power Source	
Battery type	Li-Ion - Rechargeable Li/Ion battery
Battery operating time	7 hours. Display shows battery status
Charging system	In camera, AC adapter or 12V from car with optional 12V cable.
AC operation	AC adapter 90-260 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	-40° C to +70° C (-40° F to 158° F)
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	<1.21 lbs. (0.55kg), including battery
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

BCAM SD System Includes:
IR camera with lens and built-in Laser LocatIR™
Ruggedized transport case
Power supply
Hand strap
Lens cap
QuickReport™ software
USB cable
128MB SD Card
User manual
Power cord
1 Battery

NEW! SD card that stores up to 1,000 infrared images. Move and print standard radiometric JPEG images to a computer and your printer without cables.

The thermogram of this vinyl-sided 3-floor apartment building clearly shows the path of a serious leak, completely hidden within the wall, from a washing machine on the third floor.

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www.flirthermography.com/bcamsddata