



BCAM™ SD **Thermal Imaging InfraRed Camera** 

## Non-invasive monitoring and diagnosing of building conditions

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

## **Features:**

- High accuracy of 2% and thermal sensitivity better than 0.10°C helps you find problems faster and easier
- · Automatic Color Alarm alerts users to moisture-laden areas during building scans - detects potential areas of mold growth, as well as verify when structures are moisturefree during the drying out process
- 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
- · 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
- · Long Battery Life lasts for 7 hours of continuous operation on a single charge for uninterrupted inspections

- Large 3.5" (89mm) color LCD with razor-sharp resolution
- · Lightweight (19 ounces), compact, rugged meter with easy grip handle construction meets IP54 dust/splashproof standards
- The built-in Laser LocatIR<sup>™</sup> 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
- Standard 128MB SD card stores up to 1000 Radiometric JPEG images. All 14,400 thermal pixels of each image can be analyzed using the included QuickReport™ PC Software
- · Complete with 128MB SD Card, Li-Ion rechargeable battery with 100-260V AC adaptor/charger, QuickReport software with USB cable, lens cap, hand strap, and heavy duty case

**Features** 

Shock

Vibration Dimensions/Weight

Temperature range

Image Storage



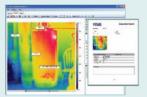




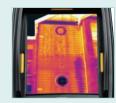




The thermogram of the apartment building shows the path of a serious leak, completely hidden within the wall, from a washing machine on the third floor







Large razor-sharp color LCD with ASP (Advanced Signal Processing)

	Figure 1, the control of the control	0.4.1
	Emissivity	0.1 to 1.0 (adjustable)
	Imaging Performance / Image Presentation	
	Field of view/min focus distance	25° X 25°/0.3m
	Thermal sensitivity (N.E.T.D)	<0.10°C at 25°C
	Detector Type	Focal plane array (FPA) uncooled microbolometer; 120 X 120 pixels
	Spectral range	7.5 to 13µm
	Display	3.5" color LCD
	Video output	MPEG-4 via USB
	Image Controls	Palettes (Iron, Rainbow, and Black/White), level, span, auto adjust (continuous/manual)
	Set-up controls	Date/time, info, LCD intensity, power down, and English/Spanish languages
	Laser Classification	Class 2
	Laser Type	Semiconductor AlGalnP Diode Laser: 1mW/635nm (red)
	Measurement modes	Spot, Area, Min/Max
	Power Source / Environmental Specs	
	Battery Type	Li-lon
	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 90-260VAC, 50/60Hz 12VDC out
	Voltage	11-16 VDC
	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 20% to 80%, non-condensing, IEC 359

14°F to 212°F (-10°C to 100°C)

1000 Images (SD card memory)

Ordering Information:	Now only \$3,450.00
IRC57-BBCAM™ SD Thermal Imaging InfraRed Camera	\$4995.00
1196398Li-lon Rechargeable Battery	\$199.00
1910399AC Adapter Charger (110-240V, U.S. Plug)	\$300.00
1910490Cigarette Ligher Adapter Kit, 12VDC (1.2m cable)	\$99.00
11964742-Bay Battery Charger including Power Supply (U.	S. plug)\$450.00
1122000Camera Pouch Case	\$175.00
ITC LEVEL 1ITC Level I Certification Training per attendee	\$1750.00

9.6x3.2x4.1" (243x81x103mm)/<19oz (0.55kg), including battery

25G, IEC 68-2-29 2G, IEC 68-2-6