



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[™] 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, heavy duty case, and NIST Certificate of Calibration



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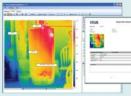
PRODUCT DATASHEET

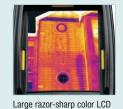






The thermogram of the apartment building shows the path of a serious leak, completely hidden within the wall, from a washing machine on the third floor





with ASP (Advanced Signal

Processing)

QuickReport PC software enables user to analyze Temperature of all 14,400 pixels of any InfraCAM SD JPEG image



IRC57-BBCAM[™] SD Thermal Imaging InfraRed Camera 1196398Li-lon Rechargeable Battery 1910399AC Adapter Charger (110-240V, U.S. Plug) ..Cigarette Ligher Adapter Kit, 12VDC (1.2m cable) 1910490 11964742-Bay Battery Charger including Power Supply (U.S. plug)Camera Pouch Case 1122000 ITC LEVEL 1 .. ITC Level I Certification Training per attendee

Features	
Temperature range	14°F to 212°F (-10°C to 100°C)
Image Storage	1000 Images (SD card memory)
Emissivity	0.1 to 1.0 (adjustable)
Imaging Performance / Image Presentation	
Field of view/min focus distance	
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 AlGaInP 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
Shock	25G, IEC 68-2-29
Vibration	2G, IEC 68-2-6
Dimensions/Weight	9.6x3.2x4.1" (243x81x103mm)/<19oz (0.55kg), including battery

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