



Introducing  
Thermal Imaging  
within your reach

**EXTECH i5**



**EXTECH**<sup>®</sup>  
INSTRUMENTS  
A FLIR COMPANY

# See what you've been missing

## Thermal Imaging just got easier

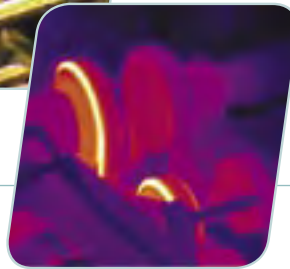


Home Inspection: Heat Loss

Electrical: Hot Fuses



Thermal imaging cameras can detect what no eye can see such as the minor variations in temperature that can signal electrical or moisture problems. Infrared inspection with the EXTECH i5 thermal imaging camera gives you a powerful non-invasive monitoring and diagnosing tool. Detect hot spots, avoid electrical and mechanical failures, locate water damage sources, find missing insulation and leaky air ducts. Your results can be captured and documented instantly into professional reports providing documented proof of your findings. Arm yourself *and* your crew with an EXTECH i5 and see what you've been missing!












A thermal imaging camera allows you to see how your motors and belts are running. With an EXTECH i5 you can proactively replace overheating parts before they fail and cause you downtime.

only  
**\$2,995**



## Extech i5 Advantages

- 
**High Sensitivity**  
 0.1°C sensitivity to pick up even the smallest temperatures changes
- 
**Easy to Use**  
 Intuitive One Hand Navigation pad to access the easy-to-use menu system
- 
**High Accuracy**  
 2% accuracy because without accuracy a picture is just a picture
- 
**Easy to Charge**  
 >4 Hour Li-Ion battery that can be recharged in the camera body
- 
**Easy to Aim**  
 The i5 is focus free so all you need to do is point towards your object, the i5 does the rest.
- 
**Easy to Hold**  
 At only 12 oz. the EXTECH i5 is the Smallest and Lightest camera available
- 
**Easy to Analyze and Share**  
 All the necessary software to save, analyze and share your thermal images is included when you purchase an EXTECH i5
- 
**FLIR Inside**  
 40 years of thermal imaging experience from the Global Leader in Thermal Imaging is built into the EXTECH i5 to give you the most accurate thermal images of any camera in its class
- 
**Easy to View**  
 Crystal Clear Thermal Images displayed on a 2.8" High Resolution LCD

Actual size  

**smallest,  
lightest,  
and most affordable  
thermal camera**

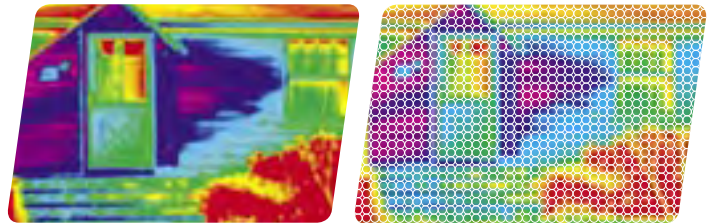
# Why Thermal Imaging?

While spot IR thermometers present only a single temperature at a single spot, the i5 gives you the *whole* picture, equal to 6400 spots! Thermal imaging is *the* most effective method for finding problems or potential problems in a variety of applications across many fields. Put the EXTECH i5 to work for you and see what you've been missing.



## Who uses Thermal Imagers?

- Building Inspectors
- Electricians
- General Contractors
- Home Efficiency Consultants
- Plant Maintenance Professionals
- HVAC/R Contractors
- Mold Remediation Professionals
- Plumbers



The EXTECH i5 Thermal Imager gives you a standard JPEG image allowing you to analyze all 6,400 individual spot measurements using the included QuickReport™ PC software.

## Specifications

Temperature range	32°F to 482°F (0°C to 250°C)
Image Storage	5000 Images (miniSD™ card memory)
Emissivity	Manual Correct, Emissivity Table
Field of view/min focus distance	17° X 17°/0.6m
Focus / Close Focus Limit	Focus free / 2ft (0.6m)
Thermal sensitivity (N.E.T.D)	<0.1°C at 25°C
Detector Type	Focal plane array (FPA) uncooled microbolometer; 80 X 80 pixels
Spectral range	7.5 to 13µm
Display	2.8" color LCD
Image Controls	Palettes (Iron, Rainbow, and Black/White)
Set-up controls	Date/time, °C/°F, 21 languages
Measurement modes	Spot (with correction for emissivity and reflected temperature)
Battery Type / Battery operating time	Li-Ion / >4 hours, Display shows battery status
Charging system	In camera, AC adapter; 3 hours to 90% capacity
AC operation	AC adapter 90-240VAC, 50/60Hz 12VDC out
Operating temperature range	32°F to 122°F (0°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 / Vibration	25G, IEC 68-2-29 / 2G, IEC 68-2-6
Dimensions/Weight	8.8x3.1x3.3" (223x79x83mm)/<12oz. (340g), including battery
Includes	miniSD™ card, Li-Ion rechargeable battery with AC adaptor/charger, QuickReport™ PC software, USB cable, and hand strap

## Ordering

IRC40.....EXTECH i5 Thermal Imaging Infrared Camera .....\$2,995