



FLIR i7 Infrared Camera

Put the Power of Thermal Imaging in Your Students' Hands

A FLIR i7 thermal imager is one of the most powerful and flexible diagnostics tools a tradesman can carry today. And there's a high demand from students eager to learn about this vital technology. That's why FLIR is offering educators a 60% discount, making it incredibly affordable to add one to your program.

With an i7, you'll be providing students an opportunity to discover the amazing ways thermal imaging finds problems that are normally invisible so they can readily see where to make repairs to save the day. This is cutting-edge technology that will go a long way to enhance their skills and help them gain a distinct advantage in today's workplace.

Numerous Applications – Find hidden air leaks, missing insulation, moisture intrusion, electrical overloading, mechanical wear, and other thermal anomalies to help reduce energy waste, downtime, and safety hazards.

Beats IR Thermometers Hands Down – Get thousands of temperature measurements in every thermal image to show you the whole scene instead of working blind with only one spot reading at a time.

Exceeds RESNET Requirements – FLIR i7's 140 x 140 detector delivers 19,600 pixels of IR resolution to capture the temperature measurements necessary to complete the thermal picture.

Compact Point-and-Shoot Simplicity – Light at 13 ounces (365g) for easy, one-handed operation yet tough enough to take a 2 meter drop and stow with other tools. Plus a focus-free lens and bright LCD to help you see the whole thermal scene clearly and cover more ground efficiently.

Camera & Training Support – Along with the i7, we'll provide a DVD with downloadable guidebooks and videos plus plenty of help from FLIR and the Infrared Training Center to get you up and running. ITC also offers continuing education opportunities for your students as through online and classroom camera and thermography training courses.



**Educators Special
 Now 60% Off!***



Find Hot Spots Fast!



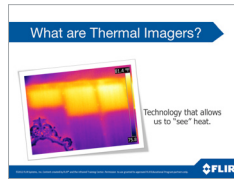
*Available to certified educators for classroom teaching at vocational and technical schools only, subject to approval by FLIR.

Imaging Specifications

Features	FLIR i7
Thermal sensitivity (N.E.T.D)	<0.1°C at 25°C
Field of view/min focus distance	29° x 29°/0.6m (2 ft.)
Detector Type - Focal plane array (FPA) uncooled microbolometer	140 x 140 pixels
Measurement modes	Spot, Area (Max/Min)
Isotherm	Above/Below
Common features	
Temperature range	-4°F to 482°F (-20°C to 250°C)
Image Storage	5000 Images (microSD card memory)
Emissivity	Emissivity Table; 0.1 to 1.0 adjustable
Frame Rate	9Hz
Focus	Focus free
Spectral range	7.5 to 13µm
Display	Built-in 2.8" color LCD
Image modes	Thermal - Palettes (Iron, Rainbow, and Black/White)
Set-up controls	Date/time, °C/°F, 21 languages
Battery Type/operating time	Li-Ion/ >5 hours, Display shows battery status
Charging system	In camera, AC adapter; 3 hours to 90% capacity
Shock/Vibration/Drop / Encapsulation; Safety	25G, IEC 60068-2-29 / 2G, IEC 60068-2-6 / Drop-proof 2m (6.6ft) IP43; UL, CSA, CE, PSE and CCC
Dimensions/Weight	8.8 x 3.1 x 3.4" (223 x 79 x 85mm)/<12.9oz. (365g), including battery
Warranty	2/5/10 (Camera-2 years, Battery-5 years, Detector-10 years)

FLIR i7 Educators Package Includes:

- FLIR i7 Infrared Camera & hard case
- Downloadable PDFs of Thermal Imaging Guidebooks for Building & Renewable Energy Applications, Industrial Applications, and Research and Development
- Videos on the fundamentals of infrared, the benefits of thermal imaging, and examples of building and industrial applications
- A classroom-ready PowerPoint presentation on the fundamentals of thermal imaging with plenty of infrared camera application images



BOSTON

FLIR Systems, Inc.
9 Townsend West
Nashua, NH 03063
USA
PH: +1 866.477.3687
PH: +1 603.324.7611

PORTLAND

Corporate Headquarters
FLIR Systems, Inc.
27700 SW Parkway Ave.
Wilsonville, OR 97070
USA
PH: +1 866.477.3687

CANADA

FLIR Systems, Ltd.
920 Sheldon Ct.
Burlington, ON L7L 5L6
Canada
PH: +1 800.613.0507

MEXICO/LATIN AMERICA

FLIR Systems Brasil
Av. Antonio Bardella
320 - B. Boa Vista- Cep:
18085-852 - Sorocaba - SP - Brazil
PH: +55 15 3238 8070

www.flir.com
NASDAQ: FLIR

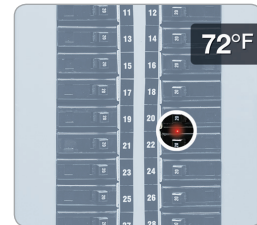
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Why Thermal Imaging?

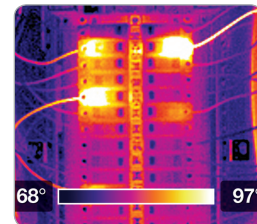
Spot IR thermometers only provide a single temperature readout where an i7 infrared camera gives you 19,600 pixels and temperature measurements in every thermal image to show you the complete picture, making inspections with an IR camera an easier and far more efficient way to find hidden problems.



Human Eye View



IR Thermometer Single Spot



Thermal Imaging Camera

To order, contact FLIR or an authorized distributor.



Watch the videos & register at www.flir.com/educators

