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Start Seeing the World In Infrared

Why do more people buy FLIR infrared cameras than all other brands combined?

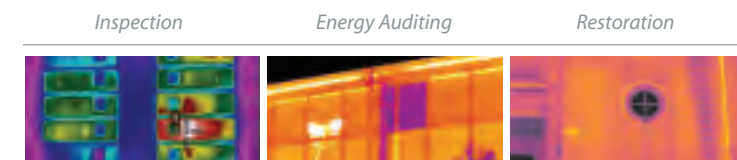
FLIR Systems offers the highest quality products, top-notch service and the best training in the industry.



- > *Applications*
- > *Infrared Cameras*
- > *Service & Training*
- > *Rental & Pre-Owned Systems*
- > *Accessories*

See the world with FLIR and see the difference.

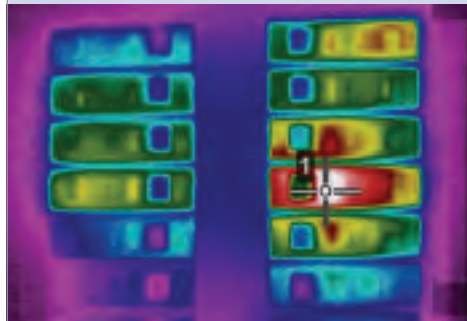
Building Diagnostics & Inspection



You Can't Correct What You Don't Detect

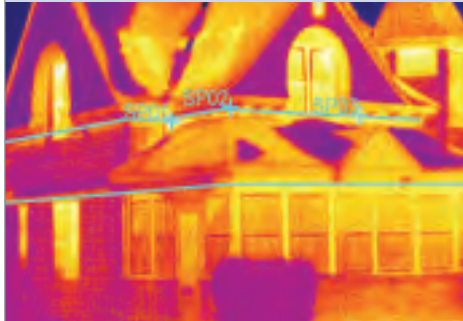
> Commercial & Residential Inspection <

Locate Electrical Problems



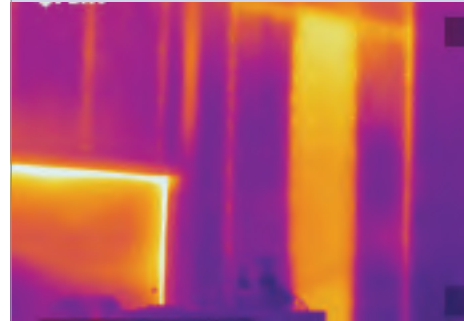
Issues with electrical connections, wiring or other system components are clearly highlighted as "hot spots" with infrared imagery — making them easy to locate and repair as part of an ongoing restoration project or building addition.

Quickly Diagnose Building Conditions



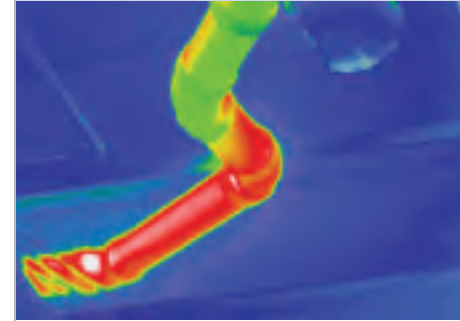
Buildings may be quickly and thoroughly scanned via infrared, identifying problem areas that can't be seen by the naked eye - ensuring the integrity of both structural and environmental systems for building inspection, repair verification and insurance purposes.

Easy Noninvasive/ Non-destructive Testing



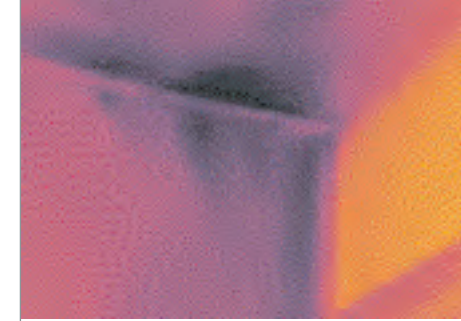
Facilitate repairs quickly, easily and safely as infrared minimizes the need for building disassembly - for minimal repair time, labor costs and disturbance of inhabitants, as well verification of a job well done. Missing insulation is clearly detected in the image above.

Detect Plumbing Issues



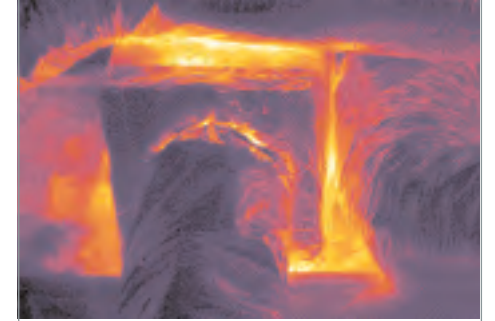
Blockages in pipes may be quickly located and addressed via infrared – enabling immediate response if required. The use of this non-destructive technology provides for proactive action to be taken - before the problem worsens..

Termite Nest Discovery



Infrared cameras in building inspection can even be used for rodent and pest discovery, as their lairs emit heat greater than the surrounding area – a great method to identify yet another hidden problem area when looking to purchase, lease or restore a building.

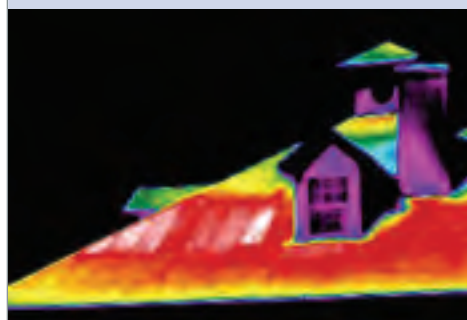
Locate HVAC Problem Areas



Loose, ill-fitting or disconnected heating, ventilation and cooling (HVAC) system fittings can lead to moisture issues and poor building airflow, as well as wasted energy and money! Early detection and correction of these issues via infrared imagery should be a high priority.

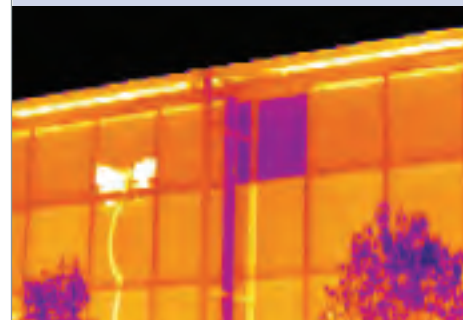
> Energy Auditing

Check Energy Efficiency



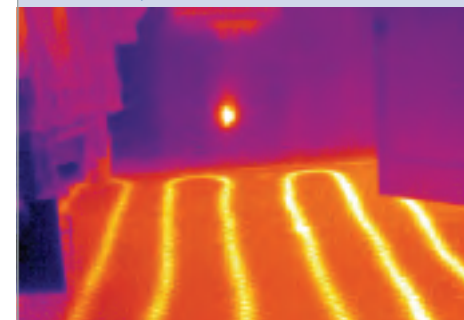
Locate and address heating and cooling losses in residential, commercial and industrial buildings with ease and pinpoint accuracy, enabling not only repairs and adjustments to be made, but accurately verified after the fact.

Quickly Locate Areas of Cost Savings



Many commercial and industrial organizations can easily locate and address ways to save money on energy costs through infrared analysis as shown in this image depicting a double pane window versus single pane windows.

Verify Proper Systems Operation



Infrared inspection may be used to inspect and verify heating and cooling systems — for example to ensure the proper operation of radiant heating pipes located in the flooring to check for crimps in tubing and post-installation validation concerns.

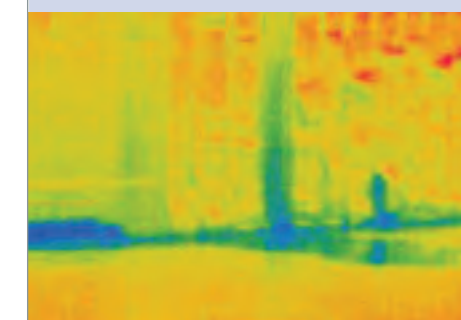
> Restoration

Detect Building Moisture Issues



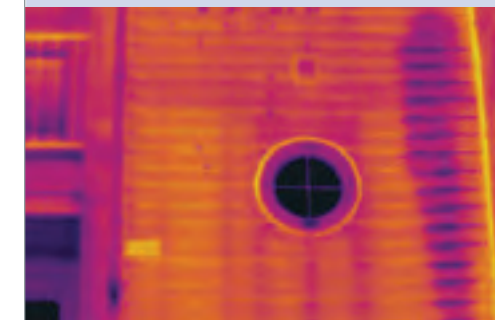
Accurately locate building moisture issues and track to their source. Inspect places that can't physically be reached with moisture meters. Once repaired, monitor the drying process, and confirm when moisture is gone.

Document Restoration Conditions



Track and easily record as-built or post-repair restoration conditions - documenting cause and origin data and images. Infrared thermography also provides a competitive advantage for restoration firms that market its use.

Pinpoint Problem Areas



Infrared Technology enables the location of problem areas with extreme accuracy, taking the guesswork out of trying to find issues hidden within walls and ceilings/roofs - saving time and money over traditional visual inspection methods.

FLIR's B-Series Infrared Cameras

The Choice for Building Professionals

The FLIR B-Series line of infrared cameras are designed and built to meet the demands of the building industry for use in inspection, restoration and energy auditing.

These solutions provide a noninvasive means of monitoring and diagnosing the conditions of buildings.

From the ultra-compact and lightweight BCAM Series and B2 models, to the full-featured, high-resolution BX320 and B20HSV, FLIR offers the widest selection of infrared cameras to meet YOUR specific needs and budget.



> **ThermaCAM® BCAM Series** <

- 120 x 120 Resolution
- USB Connectivity
- 3.5 inch Color LCD
- Only 1.2 lbs
- QuickReport Software
- New SD Model also includes:**
- Improved image quality
- Stores up to 1000 Radiometric JPEG Images
- Removable Compact SD Card
- Easily Downloads to any PC
- Long 7-Hour Battery Life

Ideal for home inspectors, home energy auditors, real estate appraisers, restoration contractors, HVAC contractors, and air quality professionals.

Lease for only \$99 per month!*



> **ThermaCAM® B2** <

- 160 x 120 Resolution
- Interchangeable Lenses
- Stores up to 200 JPEG Images
- Built-in Laser LocatIR™
- USB Connectivity
- Only 1.5 lbs
- QuickReport Software
- Dew Point & Color Alarm

Affordable and ultra-compact, the B2 is the lightest IR and imaging storage camera in the world. Clip the B2 to your belt or place in your toolbox, and you're ready to go!



> **ThermaCAM® BX320** <

- 320 x 240 Resolution
- Interchangeable Lenses
- Stores more than 80 JPEG Images
- Built-in Laser LocatIR™
- USB Connectivity
- Only 1.5 lbs
- QuickReport Software

Ideal for the building professional who desires more features and functionality than a "starter camera." The BX320 gives four times the resolution of any IR camera in its size and price range.



> **ThermaCAM® B20HS** <

- 320 x 240 Resolution
- Interchangeable Lenses
- CompactFlash® Memory Card
- USB Connectivity
- QuickReport Software
- Isotherm Measurement
- Built-in & Detachable LCDs
- Built-in Laser LocatIR™
- Dew Point & Color Alarm

Outstanding thermal image quality with high thermal sensitivity and precise temperature measurement, the B20 HS is ideal for the needs of professional thermographers.



> **ThermaCAM® B20HSV** <

- 320 x 240 Resolution
- Interchangeable Lenses
- CompactFlash® Memory Card
- USB Connectivity
- QuickReport Software
- Isotherm Measurement
- Built-in & Detachable LCDs
- Built-in Laser LocatIR™
- Dew Point & Color Alarm
- Visual Camera Capabilities

The most advanced IR camera on the market for building-industry professionals. The B20 HS is feature rich and a great value.

* Please call for leasing rates. All leases and monthly payments will vary depending upon down payment, lease term, credit history, and terms and conditions.

Technical product specifications are subject to change.

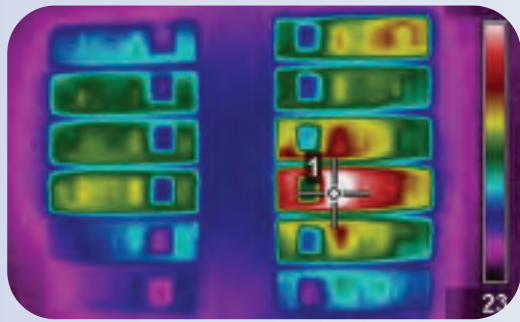
All prices are quoted in US funds for the United States market only. For Canadian prices, please call the Canadian office directly.

For additional technical specifications and product information, please visit www.flirthermography.com or call us at 1 800 464 6372

IN CANADA: www.flir.ca • 1 800 613 0507

Infrared in Action

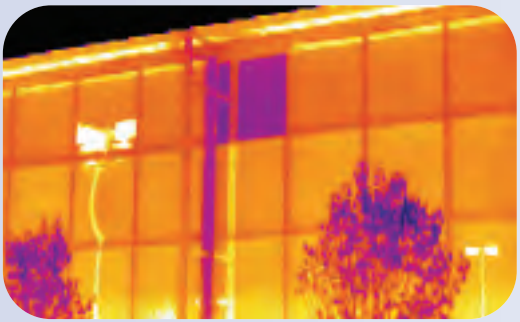
B-Series Cameras on the Job



Locate electrical problems with infrared. In the example shown here, circuit breaker phase exceeds 80% ampacity, and the temperature exceeds breaker rating. Aside from not adequately meeting power needs, this issue poses a potential electrical fire hazard.

Commercial & Residential Inspection

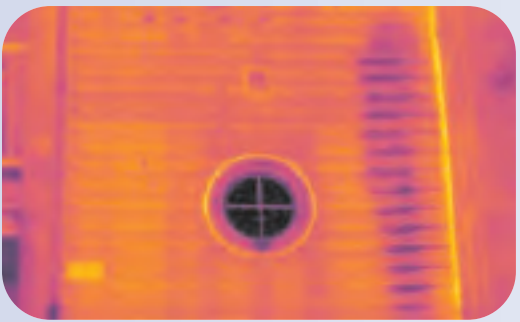
Infrared inspection with a FLIR B-Series camera enables a powerful noninvasive method to monitor and diagnose the condition of buildings. Quickly identify problem areas that can't be seen by the naked eye – eliminating destructive probing methods. Results are captured and documented instantly into professional reports – providing tangible proof of your findings. FLIR infrared inspection helps you save time and money, and provides you with a unique competitive advantage for all your residential or commercial inspections.



This thermal image clearly demonstrates the energy efficiency difference between single and double pane windows with the darker window showing significant energy loss in this summer time thermal image. Infrared offers the best technology to quickly and accurately locate areas of energy inefficiency – enabling cost savings for your home or business as well as better use of limited energy resources.

Energy Auditing

Infrared thermography is a well-accepted method of imaging and evaluating the thermal efficiency of building insulation, doors, windows and other penetrations, as well as the efficiency and condition of heating and cooling systems. Temperature anomalies reveal problems instantly, enabling needed repairs to be made with accuracy and confidence.



The thermogram of this vinyl-sided 3-floor apartment house clearly shows the path of a serious water leak—completely hidden within the wall—from a washing machine on the third floor. The thermographer used FLIR's Image Builder software to automatically "stitch" the three individual thermographs into one fully thermographic collage.

Restoration

Thermographic imagery provides immediate documentation of as-built or post-restoration quality, post-casualty cause and origin data, plumbing and building envelope water leakage, post-flood and fire water-damaged material assessment and electrical problems. FLIR ThermoCAM B-Series cameras instantly capture and record high-resolution infrared images providing fast detection for fast action. Plus, once the cause of a moisture issue is repaired, infrared can be used to monitor the drying process, and confirm when moisture is gone.

By making a few small changes, you can reduce your energy costs by 10% to 50%, and, at the same time, help reduce air pollution and dependence on foreign fuel imports.

*- "Energy Efficiency and Renewable Energy"
U.S. Department of Energy, September 2005*

What's the difference between getting the job done and getting the job done right?

The Difference is Training

There's no better way to get the most out of your FLIR IR camera investment than world-class instruction through our Infrared Training Center (ITC)—the largest dedicated infrared applications training organization in the world.

All ITC courses are developed and taught by highly qualified instructors and meet or exceed ASNT SNT-TC-1A guidelines. Level I and Level II certifications are accepted by NETA (International Electrical Testing Association, an accredited standards developer for the American National Standards Institute, ANSI). And, ITC is the only ISO 9001 certified infrared training organization.

**TO REGISTER FOR CLASSES:
1 866 872 4647**

Canada: 1 800 613 0507, ext. 25

Visit www.infraredtraining.com for course descriptions, schedules and registration.

BUILDING DIAGNOSTIC COURSES

Building Sciences

ITC has partnered with the Building Science Institute to develop this 3½ day course which demonstrates real-world thermographic inspection techniques, and includes infrared theory relevant to these skills. This course is ideal for building owners, maintenance technicians, or anyone working within restoration firms or insurance companies. You will learn how infrared technology is a powerful and noninvasive means of monitoring and diagnosing the condition of buildings, and provides immediate documentation of as-built, pre- and post-restoration conditions, post-casualty Cause and Origin data, plumbing and building envelope water leakage, post-flood and fire water-damaged material assessment, energy use inefficiency, and electrical problems.

Infrared Home Inspection

Come learn how infrared thermography has revolutionized home inspection, and discover how you can gain a competitive advantage in your local market while increasing your earnings potential. This one-day course will cover an introduction to infrared thermography with an emphasis on delivering an easy-to-understand and practical focus on the electromagnetic spectrum and fundamentals of heat transfer. Techniques on how to best operate an infrared camera will be covered, including how to compensate for environmental conditions and the occurrence of reflected light. In addition, you will learn how to incorporate your thermal images into professional inspection reports to provide your customers with clear, sharp and relevant documentation of their home.

Infrared Roofing Inspection

This two-day training course focuses on roof moisture detection and roof inspection surveys. You will discuss roofing types, typical problems, and how to perform infrared inspections to detect roof moisture. Details on thermal imaging equipment, procedures, and safety issues will be covered, along with effects of weather conditions. New infrared camera users as well as practicing thermographers will benefit from instruction covering limitations based on roof construction, insulation type, and how to recognize thermal patterns associated with roof leaks.

Infrared Electrical Inspection

See how infrared electrical inspection can prevent unscheduled downtime and keep your facility proactively maintained. This two-day training course covers indoor and outdoor electrical equipment inspection methods- showing you how to recognize typical thermal patterns associated with electrical faults. Enhance your skills in our electrical application lab, and learn from the experts how to collect quality data, document infrared survey results, and prepare maintenance reports.

JANUARY 2007

5	INTRO	Toronto, ON
8 - 11	LEVEL III	Toronto, ON
9 - 11	GASFINDIR	Dallas, TX
9 - 12	LEVEL I	Miami, FL
9 - 12	BUILDING SCIENCE	Fremont, CA
15 - 18	LEVEL I	Vancouver, BC
16 - 19	LEVEL II	Phoenix, AZ
18	SOFTWARE	Vancouver, BC
19	INTRO	Vancouver, BC
22 - 25	LEVEL I	Toronto, ON
22 - 25	LEVEL I	Phoenix, AZ
25	SOFTWARE	Toronto, ON
29 - FEB 2	LEVEL I	Billerica, MA

FEBRUARY 2007

5	INFRACAM BASICS	Atlanta, GA
5 - 8	LEVEL I	St. John's, NL
6 - 9	LEVEL I	Atlanta, GA
6 - 9	BUILDING SCIENCE	Phoenix, AZ
6 - 9	LEVEL I	Denver, CO
8	SOFTWARE	St. John's, NL
9	INTRO	St. John's, NL
12 - 15	LEVEL I	Edmonton, AB
12 - 15	LEVEL I	Sterling Heights, MI
12 - 15	LEVEL II	Clarksville, TN
13 - 16	BUILDING SCIENCE	Atlanta, GA
15	SOFTWARE	Edmonton, AB
19	INTRO	Toronto, ON
20 - 23	LEVEL III	Billerica, MA
20 - 23	LEVEL I	Clarksville, TN
26	HOME INSPECTORS	Oakbrook, IL
26 - MAR 1	LEVEL I	Vancouver, BC
27 - MAR 2	BUILDING SCIENCE	Oakbrook, IL
27 - MAR 2	R&D	Billerica, MA

MARCH 2007

5 - 8	LEVEL I	Quebec City, QC
6 - 9	BUILDING SCIENCE	Sterling Heights, MI
6 - 9	LEVEL I	Baton Rouge, LA
8 - 9	ROOFING APPLICATIONS	Las Vegas, NV
12 - 16	LEVEL II	Billerica, MA
12 - 15	LEVEL I	Las Vegas, NV
12 - 15	LEVEL I	Toronto, ON
15	SOFTWARE	Toronto, ON
19 - 22	LEVEL I	Ottawa, ON
19 - 23	LEVEL I	Billerica, MA
20 - 23	LEVEL I	Tampa, FL
26	HOME INSPECTORS	Billerica, MA
26	INFRACAM BASICS	Lyndhurst, NJ
26 - 29	LEVEL II	Edmonton, AB
27 - 30	BUILDING SCIENCE	Billerica, MA
27 - 30	LEVEL I	San Diego, CA
27 - 30	LEVEL I	Lyndhurst, NJ
27 - 30	LEVEL I	Dallas, TX
29	SOFTWARE	Edmonton, AB

APRIL 2007

3 - 4	BUILDING INVESTIGATIONS	Toronto, ON
3 - 6	LEVEL II	Denver, CO
3 - 6	LEVEL I	Orlando, FL
10 - 12	GASFINDIR	Houston, TX
10 - 13	BUILDING SCIENCE	Orlando, FL
10 - 13	LEVEL I	Denver, CO
11 - 13	GASFINDIR	Ft. McMurray, AB
16 - 19	LEVEL I	Ft. McMurray, AB
17 - 20	LEVEL I	Minneapolis, MN
17 - 20	LEVEL I	Charlotte, NC
19	SOFTWARE	Ft. McMurray, AB
23	INFRACAM BASICS	Stevensville, MD
23 - 26	LEVEL I	Moncton, NB
23 - 27	LEVEL I	Billerica, MA
24 - 27	LEVEL I	Stevensville, MD
26	SOFTWARE	Moncton, NB
30 - MAY 3	LEVEL I	Toronto, ON

MAY 2007

1 - 4	LEVEL I	Denver, CO
1 - 4	LEVEL II	Dallas, TX
3	SOFTWARE	Toronto, ON
4	INTRO	Toronto, ON
7	HOME INSPECTORS	Stevensville, MD
8 - 11	BUILDING SCIENCE	Stevensville, MD
7 - 8	ELECTRICAL APPLICATIONS	Billerica, MA
9 - 10	ROOFING APPLICATIONS	Billerica, MA
14	INFRACAM BASICS	York, PA
14 - 17	LEVEL I	Southern Ontario
15 - 18	LEVEL I	York, PA
15 - 18	LEVEL II	Las Vegas, NV
17	SOFTWARE	Southern Ontario
21	HOME INSPECTORS	Fremont, CA
22 - 25	BUILDING SCIENCE	Fremont, CA
21 - 24	LEVEL I	Las Vegas, NV
21 - 24	LEVEL III	Billerica, MA
28 - 31	LEVEL II	Montreal, QC

JUNE 2007

4	INFRACAM BASICS	Portland, OR
5 - 8	LEVEL I	Portland, OR
5 - 8	LEVEL I	Santa Clara, CA
5 - 8	LEVEL I	Denver, CO
18 - 21	LEVEL I	Billerica, MA
18 - 21	LEVEL I	Kelowna, BC
19 - 22	LEVEL II	St. Louis, MO
21	SOFTWARE	Kelowna, BC
25 - 28	LEVEL I	St. Louis, MO
25 - 28	R&D	Billerica, MA
25 - 28	LEVEL II	Toronto, ON
28	SOFTWARE	Toronto, ON

JULY 2007

3 - 4	BUILDING INVESTIGATIONS	Banff, AB
9 - 12	LEVEL I	Saskatoon, SK
9 - 13	LEVEL I	Billerica, MA
10 - 13	LEVEL II	Honolulu, HI
12	SOFTWARE	Saskatoon, SK
16 - 19	LEVEL I	Honolulu, HI
16 - 19	LEVEL I	Calgary, AB

JULY 2007 CONT'D

19	SOFTWARE	Calgary, AB
20	INTRO	Calgary, AB
24 - 27	LEVEL I	Salt Lake City, UT
26 - 27	ELECTRICAL APPLICATIONS	Green Bay, WI
30 - AUG 2	LEVEL I	Green Bay, WI
30 - AUG 2	LEVEL II	Portland, OR

AUGUST 2007

6 - 10	LEVEL II	Billerica, MA
7 - 10	LEVEL I	Dayton, OH
7 - 10	LEVEL I	San Diego, CA
7 - 10	LEVEL I	Toronto, ON
10	SOFTWARE	Toronto, ON
13 - 17	LEVEL I	Billerica, MA
14 - 17	LEVEL I	Denver, CO
14 - 17	BUILDING SCIENCE	Chicago, IL
20 - 23	LEVEL I	Winnipeg, MB
21 - 24	LEVEL II	Chicago, IL
23	SOFTWARE	Winnipeg, MB
27 - 30	LEVEL I	Chicago, IL

SEPTEMBER 2007

7	INTRO	Toronto, ON
10 - 13	LEVEL I	Halifax, NS
10 - 14	LEVEL I	Billerica, MA
11 - 14	LEVEL I	Savannah, GA
13	SOFTWARE	Halifax, NS
18 - 20	GASFINDIR	Houston, TX
18 - 21	LEVEL I	Las Vegas, NV
18 - 21	LEVEL I	Lyndhurst, NJ
18 - 21	BUILDING SCIENCE	Freemont, CA
24 - 27	LEVEL I	Las Vegas, NV
25 - 28	R&D	Billerica, MA
25 - 28	LEVEL I	Clarksville, TN

OCTOBER 2007

1 - 2	ELECTRICAL APPLICATIONS	Billerica, MA
1 - 4	LEVEL I	Edmonton, AB
1 - 4	LEVEL I	Grand Rapids, MI
1 - 4	LEVEL I	Santa Clara, CA
1 - 4	LEVEL I	Denver, CO
1 - 4	LEVEL I	Edmonton, AB
3 - 4	INTRO	Billerica, MA
4	SOFTWARE	Edmonton, AB
9	INTRO	Toronto, ON
15 - 19	INFRAMATION	Las Vegas, NV
22 - 25	LEVEL I	Toronto, ON
23 - 26	LEVEL II	Denver, CO
23 - 26	LEVEL I	Springfield, MO
25	SOFTWARE	Toronto, ON

Schedule is subject to change.
For the latest updates, please visit
our website: www.infraredtraining.com



Now you can save both equipment and your budget

FLIR can customize a payment plan that fits your budget!

Buy >

As the largest manufacturer of infrared cameras in the world, it stands to reason that FLIR offers the widest selection for all skill levels and all budgets. Put our economies-of-scale to work for you – we'll offer you the best value for your dollar.

Trade >

Do you have an old infrared camera? FLIR offers generous trade-in values. Give us a call to see how much your infrared camera is worth. We'll make a handsome offer to help you trade-up to the latest technology.

Lease >

You can lease for as little as \$99 per month and some programs offer no payments for 6 months. If you'd rather pay as you go, let us create a leasing program to fit your needs.

For more information on BUY, TRADE or LEASE, call
1 800 464 6372 or www.flirthermography.com

Rent >

Want to try before you buy? FLIR offers an extensive rental program, offering both short and long term IR camera rentals. You can even apply 100% of your rental fees as credit towards the purchase of an infrared camera!

www.infraredcamerarentals.com or call **1 866 477 3687**

Used >

Want to buy Pre-Owned? FLIR is the only factory authorized reseller of used FLIR, Inframetrics and Agema infrared cameras—all with unlimited post-sale technical support and a full warranty!

www.usedircamera.com or call **1 866 477 3687**

FLIR Factory Service

Protect Your Infrared Camera Investment

with a service protection plan from FLIR Systems

"If I don't have my camera, I'm out of business. FLIR fixes problems quickly and keeps me working. I cannot tell you how pleased I am with the attention and care I received."

*Howard J. Henderson
Certified Thermographer*

Premier Service Package

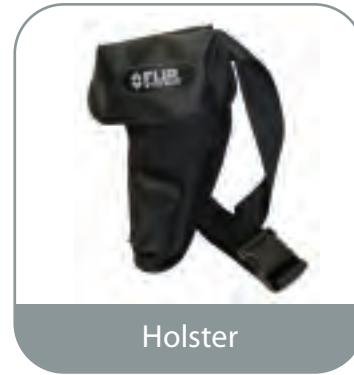
The FLIR Customer Care Division is your factory-certified source for annual service and repair for all Agema, Inframetrics and FLIR brand infrared cameras.

Exclusive 3-Day Guarantee

With our Premier Service Package, we'll fix and return your camera within 3 days, or you get a loaner for FREE!

To learn more, contact: **1 866 354 7911**
IN CANADA: **1 800 613 0507**

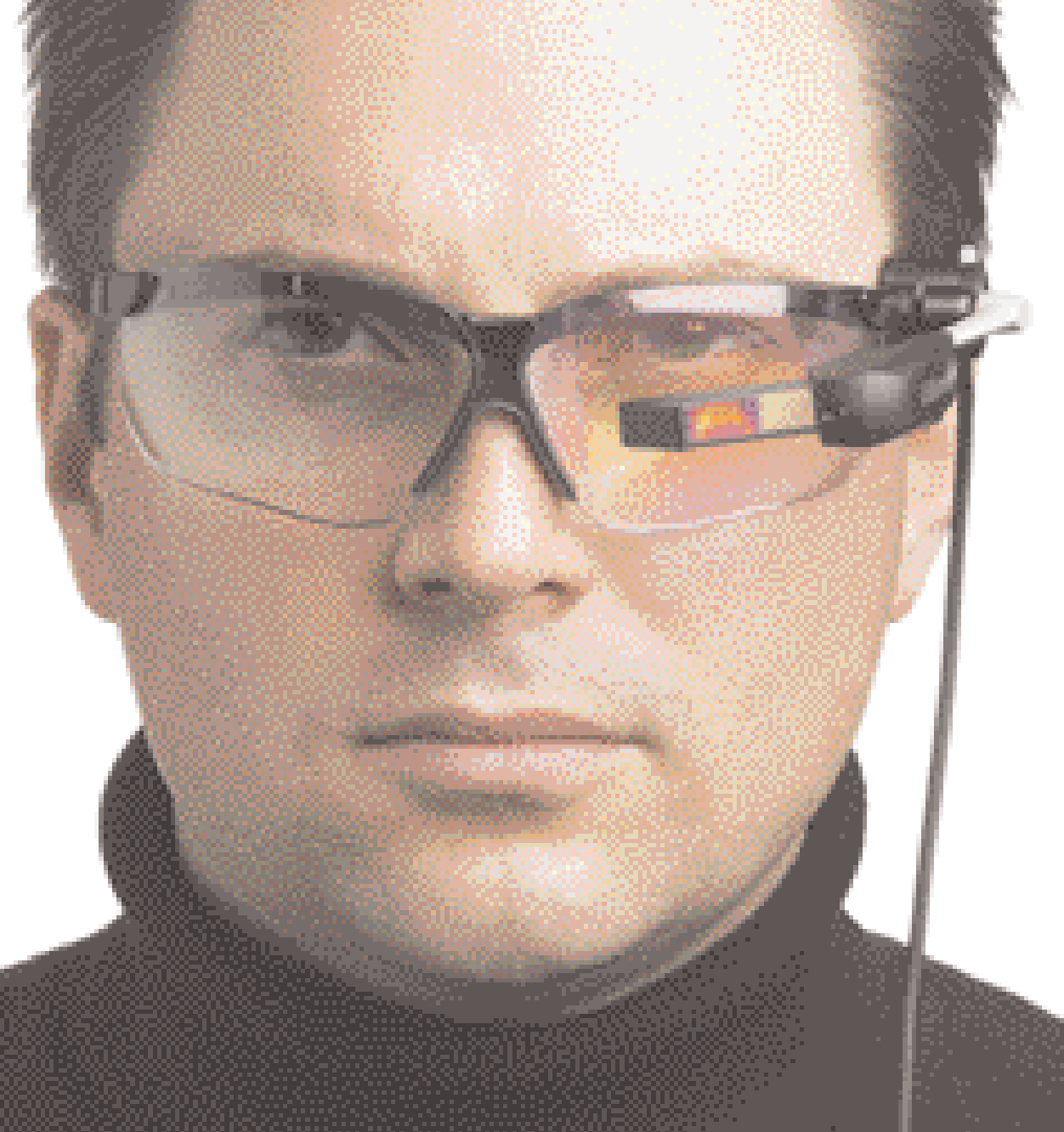
Whatever your need, we've got an accessory that fits.



No other infrared camera manufacturer offers a wider variety of accessories than FLIR Systems.

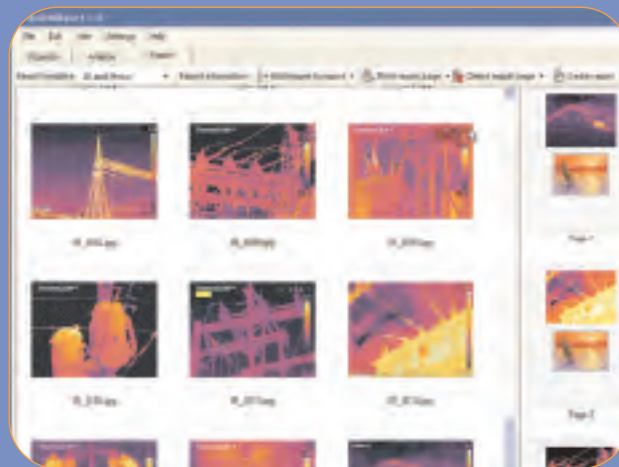
FLIR offers the widest selection of accessories and supplies, from extra batteries to interchangeable optics and lenses. You'll also find an exclusive supply of LCD displays and remote control devices. We're taking technology and innovation to a whole new level!

www.flirthermography.com/accessories

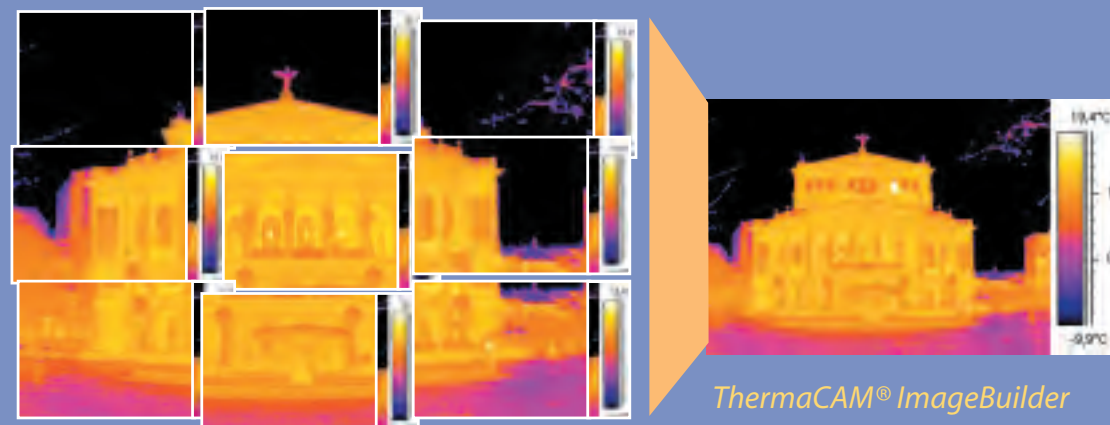


Software

Scan >
Report >
Compile >



< *ThermaCAM® QuickReport - included with camera purchase*



Easily download images to PC, review image analysis and create composite images—all with a click of a button. Learn about all our software packages:

www.flirthermography.com/software



Want to learn more about infrared?
Attend our **FREE** Open House events!

The most important IR camera events in 45 years!
You're invited to come see the latest product introductions and get hands-on time with a variety of infrared cameras! Learn how thermal imaging systems are used to find problems, improve safety, save money, make money and even advance your career.

Seating is limited – RSVP Required.

Take advantage of this once-a-year, largest and most informative conference that can help you get the highest return on investment from your infrared camera.

- > Attend valuable "How-to" Workshops
- > Learn from international expert presentations
- > Obtain ITC Re-certification credits
- > See the latest new products and technologies
- > Network with the world's largest infrared camera end-user group

TO REGISTER:

- > **ONLINE:**
www.infraredseminars.com and register instantly!
- > **TELEPHONE / EMAIL**
Contact us at 1 800 254 0633 seminar@flir.com
- > **MORE INFORMATION**
Get all the details at www.infraredseminars.com

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www.inframation.org/registration and register instantly!
- > **TELEPHONE / EMAIL**
Contact us at 1 800 254 0632 inframation@flir.com
- > **MORE INFORMATION**
www.inframation.org

What makes FLIR the hottest selling infrared cameras in the world?

FLIR is the largest manufacturer of infrared cameras in the world, offering the widest selection, best post-sale technical support, and meaningful, hands-on training to ensure your success.

With over 30 years experience and a long history of innovation and leadership, you can trust FLIR to service all your needs now and long into the future.

Call your local representative or authorized FLIR Building Distributor.

Give us a call.
We look forward to working with you.



For more information, contact:

IN THE UNITED STATES
1 800 464 6372
moreinfo@flir.com

IN CANADA
1 800 613 0507
ircanada@flir.com

