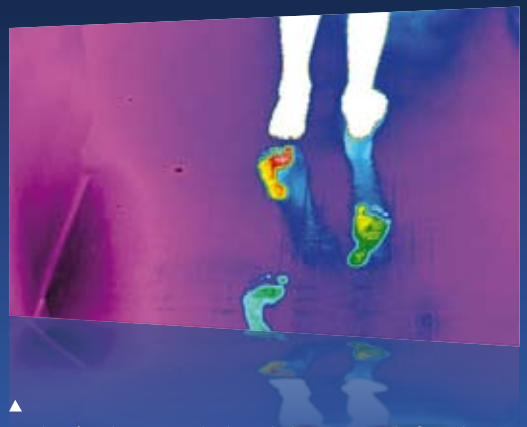
Not magic…
Impressive technology

Infrared radiation (IR) is emitted by every object above a temperature of -273°C. The human eye cannot detect infrared radiation, but an infrared camera can. It can take pictures of objects to show the amount of heat they are emitting. Such pictures consist of a map of colours that show surface temperatures of the object. An infrared camera is an invaluable diagnostic tool in a variety of industries, as it can detect abnormally hot or cold areas or components. In other words, you can detect problems that are not normally visible with the naked eye.



On the infrared image you clearly see the heat prints on the floor where this person has placed their feet. Note the heat difference with the fresh prints and the former ones that are already cooling down.

FLIR Systems:
An infrared pioneer

FLIR Systems is the global leader in infrared cameras, having manufactured them since the 1950s. Our camera systems and software solutions are designed, developed and manufactured at our plants in Stockholm, Sweden, and Boston and Santa Barbara, USA.

FLIR SYSTEMS
THE GLOBAL LEADER IN INFRARED CAMERAS

FLIR Systems has a wide range of infrared cameras, specially developed for different users with different needs.

InfraCAM™ BCAM™

Contact us to discover the infrared camera that is best for you.

Leasing and financing:

FLIR Systems offers various leasing alternatives.
Contact your local office to find out all the details.

Training

FLIR Systems cooperates with the Infrared Training Centre, an independent, ISO certified training facility, which offers:

- Standard and customized infrared training programs
- Courses at its own facilities and customer sites
- Application specific courses
- Software specific courses

For more info visit www.infraredtraining.com

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FLIR SYSTEMS
THE GLOBAL LEADER IN INFRARED CAMERAS

See what others can't see

Infrared shows
what the human eye can't see

FLIR SYSTEMS
THE GLOBAL LEADER IN INFRARED CAMERAS

Welcome to the world of infrared

The benefits of infrared

An infrared camera is a powerful maintenance tool, as in many instances equipment failure is preceded by a period of increasing heat. An infrared camera is also an excellent building inspection instrument, it quickly scans and identifies problem areas that can't be seen by the naked eye. It is also used for repair verification and insurance purposes. An infrared camera gives you the following benefits:

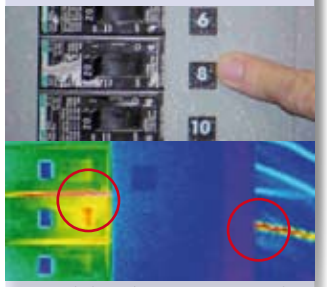
- Detect hidden problems, make quick damage assessments and perform preventive inspections
- Survey buildings to find moisture and leaks
- Identify energy losses and poor insulation
- Spot electrical faults before it is too late
- Produce instant infrared images of your findings
- Create reports, analyse and document your findings with the easy-to-use software

FLIR i5
Extremely small
Lightweight (340g, 0.75 lb.)
Very affordable
Easy-to-use

Electrical & mechanical applications

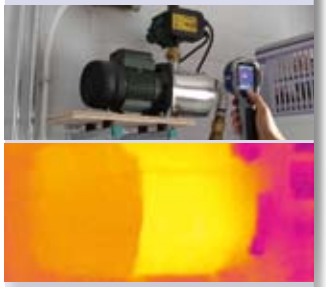
- Safety inspections
- Spot loose connections
- Insulation failure
- HVAC* problems
- Component failure
- Verify after repair

Locate electrical problems



Issues with electrical connections, wiring or other system components are clearly highlighted as "hot spots" with infrared imaging. This makes them easy to locate and repair. You can clearly see the overheated connections on the thermal image.

Check mechanical devices



Inspection of this water pump shows no problem. The infrared image verifies that there is water in the pump cylinder and there is no danger of overheating the pump.

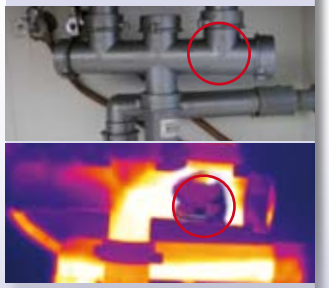
Building applications

- Underfloor heating
- Poor insulation
- Air leakage
- Water damage
- Windows (air leakage, energy)
- Radiators and pipes

Quicky diagnose building conditions

The infrared inspection locates missing insulation in the roof. This can now be repaired and further energy loss prevented.

Detect plumbing issues



The blockage in this pipe is quickly located using a thermal camera. Action will be taken before the problem worsens.

(*) Heating, ventilating and air conditioning

FLIR i5
A small infrared revolution

- Outstanding ease-of-use
- Fully automatic
- Focus free
- Compact and light weight (340 g, 0.75 lb.)
- SD card storage
- Reporting and analysis software included
- Outstanding accuracy

Save time and money in 3 steps:

The new i5 from FLIR Systems is the smallest, lightest and most affordable infrared camera on the market. It is incredibly easy to use and requires no former experience. It really is a matter of "point-shoot-detect" to obtain high-quality infrared images that will immediately give you the infrared information you need. But don't confuse the i5 with a spot pyrometer! A spot pyrometer only records the temperature of a certain spot; the i5 records a full image.