InfraCAM™

Your electricity inspector

Avoid fires - Save energy - evaluate new installations - avoid unnecessary repairs - verify repairs - Avoid fires - Save energy - evaluate new installations - avoid unnecessary repairs - verify repairs - Avoid fires - Save energy - evaluate new installations - avoid unnecessary repairs - verify repairs -

Discover hidden electrical faults on a thermal image

Large and bright LCD
Sharp infrared images and easy-to-read temperature values are presented on the LCD display.

Easy-to-use
Ergonomic control buttons make the camera very easy to use. Switch the InfraCAM on and do your first inspections immediately.

Laser LocatIR
Activate the built-in laser pointer and associate the hot spot you see on the LCD with the real target in the field.

Longlife battery
Just insert the battery and you are ready for over seven hours thermal inspections.

Extremely affordable

Easy to use

Key features
- Accurate temperature measurement: one fixed spot in the middle of the image
- Large, super bright LCD display
- Built-in Laser LocatIR pointer
- Stores 50 JPEG images

Avoid fires

InfraCAM™, from FLIR Systems, the global leader for infrared technology

FLIR Systems offers a full range of infrared cameras. Whatever your infrared application, FLIR Systems has the perfect infrared solution.

More than 50 years experience in the development and production of infrared cameras have allowed us to develop a revolutionary new model. Rapid developments in detector technology have allowed for a small, compact, easy-to-use and extremely affordable diagnostic tool. Technology which was only present in high-end infrared cameras in the past and was only accessible for a limited number of users, now makes its way to every electrician thanks to the InfraCAM.

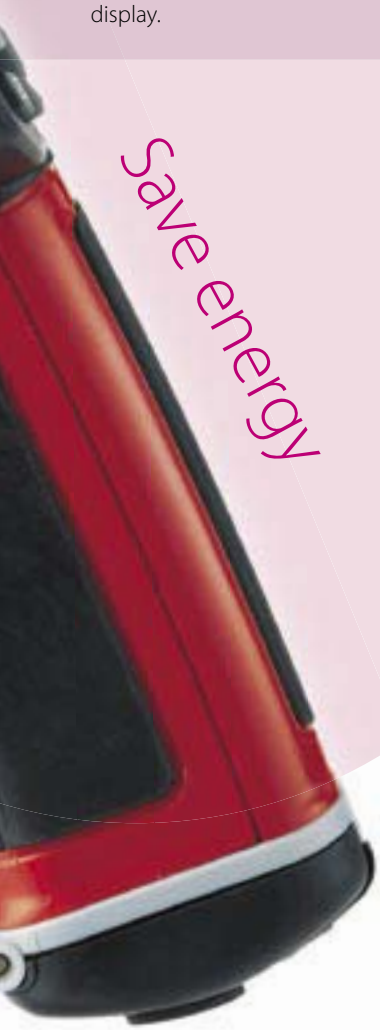
Check your installations with the InfraCAM™, and avoid major electrical problems

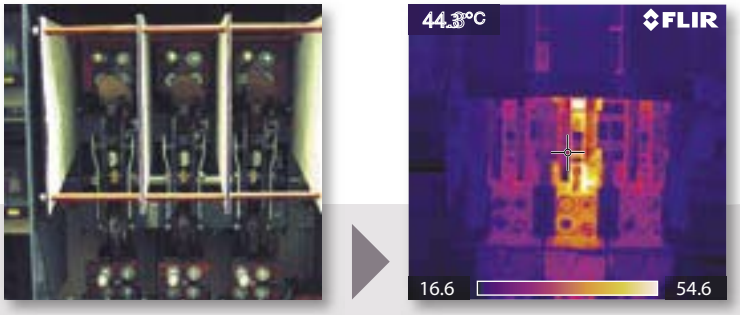
Avoid fires

A small electrical problem can have far reaching consequences. If left unchecked connections start to melt or sparks may fly around setting the environment on fire. Thanks to the InfraCAM you can see potential problem areas on a thermal image so that fires can be avoided.

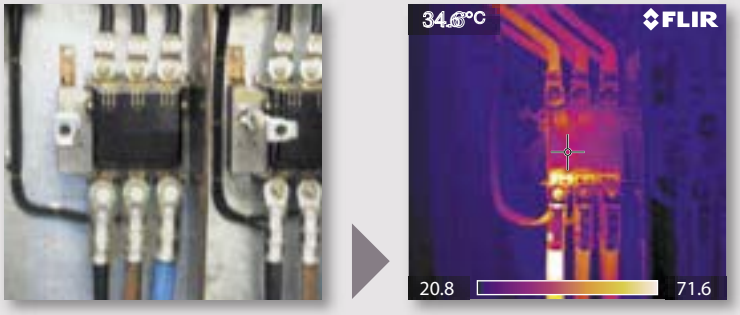
Inspect your electrical installations rapidly

The InfraCAM is the perfect tool to find hidden electrical problems instantly. Inspect your electrical installations, repair them immediately if necessary and check afterwards whether the problem is solved. Verify if external contractors have done a proper job. Scan installations quickly before they are put into operation. You will see it all on the InfraCAM's 3.5" LCD display.

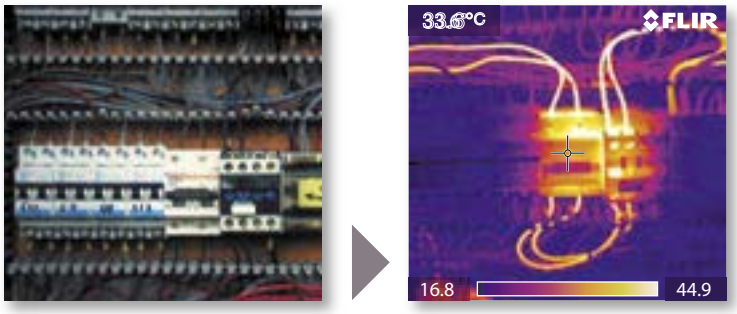




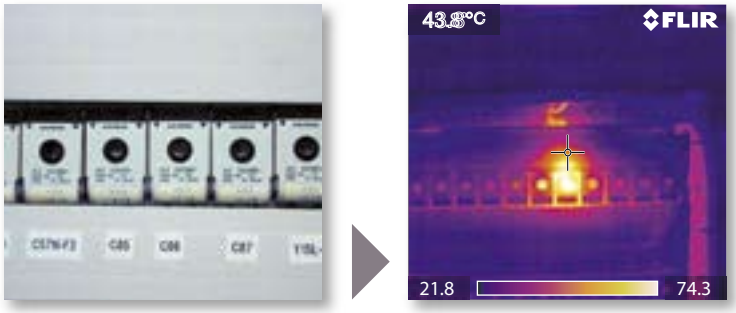
The thermal image clearly shows an overheated connection which can not be spotted by the naked eye. An undetected failure in this connection can lead to a costly power outage.



Loose or badly connected cables start to overheat. If left unrepaired, heat can rise to a point where cables start to melt or, even worse, set the environment on fire.



Overheated electrical circuits are commonly detected with the help of a thermal imaging camera. Inspections can however be safely performed while systems are under load, without hindering production and without putting the inspector in harms way.



The thermal image clearly shows a defect or an overheated fuse. It can have very severe consequences. An entire production line can be shut down for several hours if this problem is not timely fixed.

InfraCAM™, find hidden faults in electrical installations fast

Locate problems fast

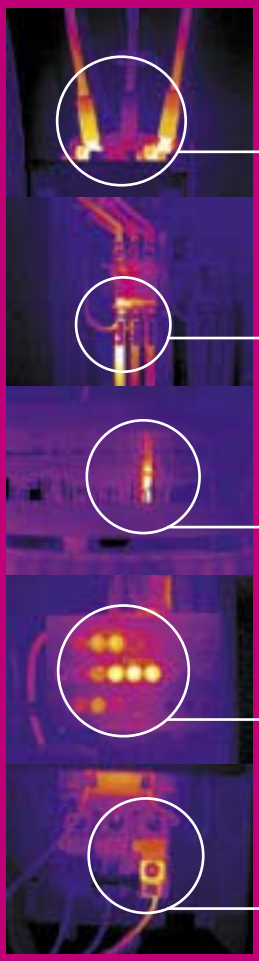
Indoor or outdoor, in a production plant or a house, the InfraCAM instantly makes hot spots visible on a clear thermal image prior to failure. Detect the problem area and repair it before real problems occur. Common electrical targets are fuses, electrical panels, bolted connections and switchgear.

Work safely and see temperatures

The InfraCAM allows you to measure the temperature of any object you are looking at in a non-contact mode, without putting yourself in danger. A crosshair in the middle of the thermal image allows you to measure and analyze the temperature at a single point. Detect the most diverse electrical problems instantaneously by seeing them on a thermal image.

Document your work

InfraCAM stores 50 images in JPEG format. Insert the images in your favorite program and show others where the problem was located and that it has been repaired.



Technical specifications

Imaging performance	
Field of view	25° x 25°
Minimum focus distance	0.3 m
Focus	Manual
Image presentation	
Display	3.5" color LCD, 16K colors
Measurement	
Temperature range	-10°C to +350°C
Thermal sensitivity	0.20°C at 25°C
Measurement mode	Fixed spot in the middle of the image
Menu controls	Palettes (color or black and white), auto-adjust (automatic/manual)
Set-up controls	Date/time, language, power down, display intensity
Measurement corrections	Emissivity variable from 0.1 to 1.0
Image storage	
Type	Built-in FLASH memory (50 images)
File formats	Standard JPEG
Laser locatIR	
Classification	Class 2
Type	Semiconductor AlGaInP Diode Laser:1mW/635 nm red
Battery system	
Operating time	7 hours continuous operation. Display shows battery status
Charging system	In camera, AC adapter
AC operation	AC adapter 90-260 V AC, 50/60 Hz
Input voltage	11-16 V DC
Environmental specification	
Operating temperature range	-15°C to +50°C
Encapsulation	IP54
Physical characteristics	
Weight	550 g
Size (L x W x H)	243 mm x 81 mm x 103 mm
Interfaces	
USB	Image transfer to PC
InfraCAM includes:	IR camera, Carrying case, Power supply, Hand strap, USB cable, User manual, Power cord, Battery