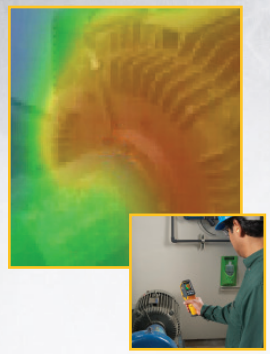
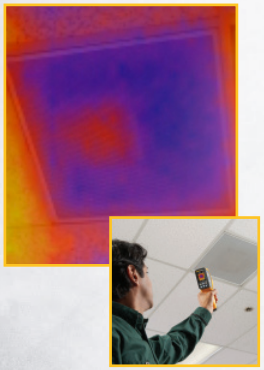
KEY APPLICATIONS

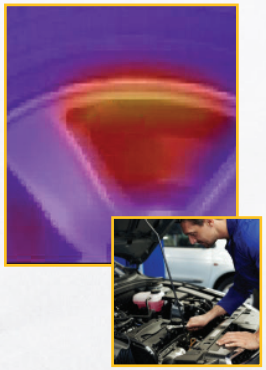
Electrical
- Electrical panels and wiring
- Fuses and insulators
- Switch gear



Industrial maintenance
- Motors, pumps, bearings and windings
- Belt and drive shafts
- Steam traps



HVAC/R
- Ducts, grills and diffusers
- Heating and cooling systems
- Bearing components
- Pipes



Automotive
- Brakes
- Condensers
- Wiring, bearings, exhaust systems and manifolds
- Hydraulics, compressors and seals

fluke.co.uk/heatmap

2 EXCITING MODELS

	VT02	VT04
Built in digital camera	Yes	
Thermal heat map overlay	Yes (five blending modes)	
Image optics system	PyroBlend™ optic	PyroBlend™ Plus optic, 4 x sharper image
Center point temperature measurement	Yes	
Field of view	20° x 20°	28° x 28°
Battery	4 AA batteries (8 hours)	Li-Ion rechargeable battery (8 hours)
Automated monitoring with temperature alarms	-	Yes
Temperature range	-10 °C to +250 °C (14 °F to 482 °F)	
Temperature measurement accuracy	±2 °C or ±2 %	
Compact and focus free	Yes – no training required	
SD card (four Gb included)	Yes – 10,000 images per Gb	
Professional reporting SmartView® software	Included	

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FLUKE®

Fluke Visual IR Thermometers

DESIGNED TO SEE IT ALL

Fluke VT02 Visual IR Thermometer

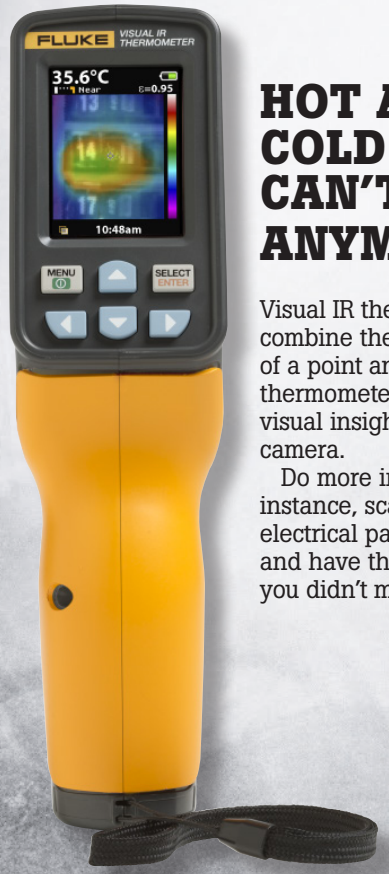
Fluke VT04 Visual IR Thermometer

A troubleshooting tool with a thermal heat map

SEARCHING
FOR TEMPERATURE ISSUES SPOT BY SPOT?

Traditional IR thermometers are low cost but designed for only one purpose—detecting single-spot temperature readings.

If you don't know exactly where to look, you can miss a serious problem or waste valuable time searching.



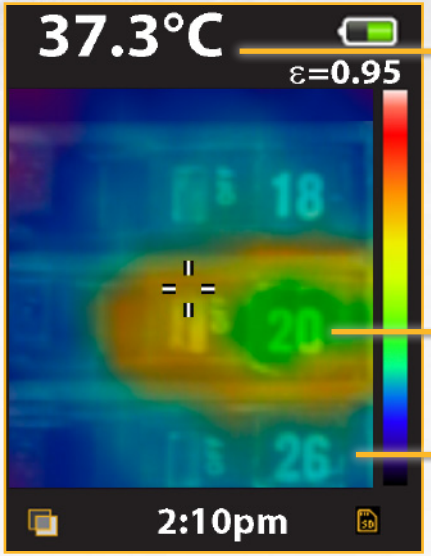
HOT AND COLD SPOTS CAN'T HIDE ANYMORE.

Visual IR thermometers combine the convenience of a point and shoot IR thermometer with the visual insight of an infrared camera.

Do more in less time. For instance, scan an entire electrical panel in seconds and have the confidence you didn't miss anything.

DESIGNED TO SEE IT ALL

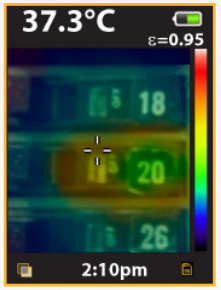
Every Fluke Visual IR Thermometer has a built-in digital camera with a thermal heat map overlay to instantly identify the exact location of the problem.



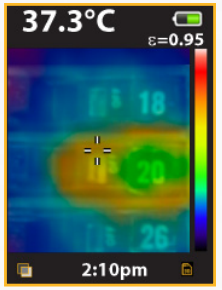
Centerpoint temperature (° C/° F)

Digital image for context
Clearly see that breaker 20 is overloaded and communicate your findings.

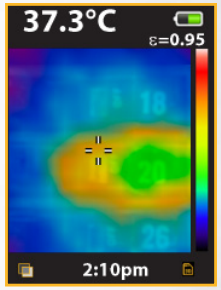
Thermal heat map overlay



25 % heat map



50 % heat map



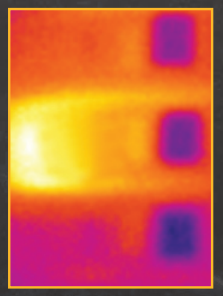
75 % heat map

SEE THE DIFFERENCE

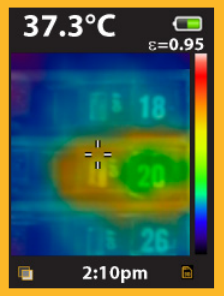
See how a traditional IR thermometer and an entry level infrared camera make it challenging to communicate the issue on breaker 20.

Visual inspection
No issues are obvious to the naked eye.

Traditional IR thermometer
Optimized for single point measurements.



Entry level infrared camera
Challenging to see the exact location.



Visual IR Thermometer
Digital image with heat map overlay detects the exact location of the issue.