



FLIR T1K THERMAL IMAGING FOR R&D APPLICATIONS



HD Performance, Maximum Flexibility

PRECISION ANALYSIS WITH THE FLIR T1010/T1020

IMPROVE YOUR RESEARCH, IMPROVE YOUR PROJECT RESULTS, & GAIN INSIGHT INTO THERMAL BEHAVIOR

Whether you're investigating a target's temperature profile or verifying industrial design quality, FLIR T1K cameras provide the resolution, crisp imagery, and accuracy you need to collect precision data and reduce test times.

The T1010 and T1020 cameras produce brilliant, HD thermal images and the high-accuracy temperature measurements you need—all from a flexible, battery-powered handheld package.



Configurable to Your Needs

Work quickly and image—comfortably—with programmable buttons and rotating optical block

FLIR OSX™ Precision HDIR Optics

Pinpoint thermal anomalies down to 51 μm , thanks to the high-fidelity microscope lens

Rugged, Portable, and Flexible

This battery-powered handheld camera transitions easily from the lab to the field thanks to features like rubberized optics and a high-resolution viewfinder* for scanning targets in bright conditions.

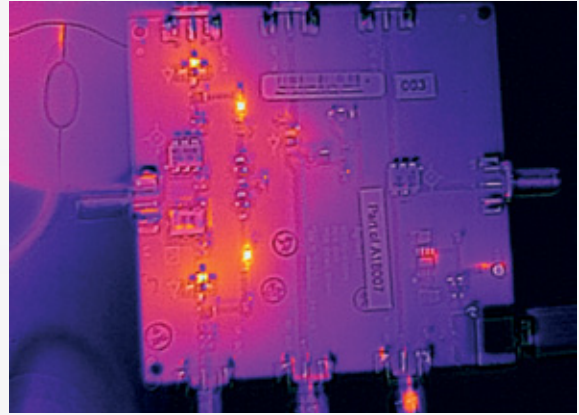
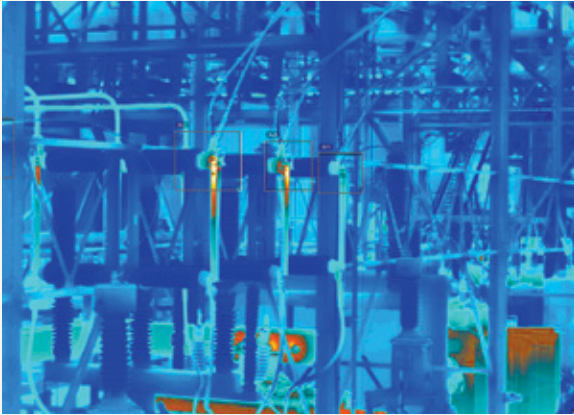
As Responsive as Your Smartphone

Launch new on-screen tools and navigate features more intuitively with the rapid-response GUI, available in all new T1010 and T1020 models, or as a free firmware upgrade.†



FLIR VISION PROCESSING™

This multi-level filtering process combines HD thermal resolution, MSX®, and UltraMax® image enhancement with FLIR proprietary adaptive filtering algorithms to reduce image noise and produce the best thermal images in the industry.



FLIR T1K IN ACTION

INSPECT PCBs AND MAKE PRODUCT IMPROVEMENTS WITH THE RESOLUTION AND ACCURACY OF THE FLIR T1010/T1020

FLIR T1K cameras can accurately measure temperatures across target areas on printed circuit boards (PCBs), allowing you to quickly identify heat dissipation problems and begin working on solutions. These cameras are also valuable tools for detecting points of failure in composites, solar cells, and bridges, and for thermal mapping of stress in materials testing.

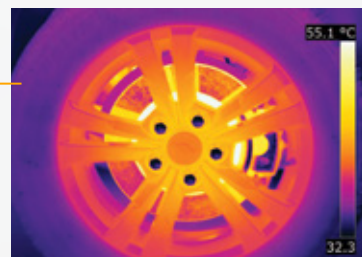
Go to flir.com/science-T1K to learn more.



EXPERT FEATURES FOR EXPERT NEEDS

HIGH SPEED HD RECORDING

Capture lossless HD radiometric imagery at up to 120 Hz or windowed areas at up to 240 Hz via the FLIR High-Speed Interface (sold separately)*



SELECTION OF HIGH-QUALITY LENSES

Capture accurate temperature readings and record high-fidelity imagery with FLIR OSX™ Precision optics. From the 7° telephoto to the close-up 3x lens, these lenses will help you achieve tack-sharp focus at any distance.

DATA ANALYSIS — SIMPLIFIED

Work faster and more efficiently by streaming directly to a computer running FLIR ResearchIR Max, for instant analysis and sharing. You can also integrate radiometric images and data into your enterprise software program via ATLAS SDK.



*T1020 model only

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The World's Sixth Sense®

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