

FLIR E60 For electrical/industrial applications

E-Series InfraRed Camera (320 x240 IR Resolution) With on board Visual Camera, Picture-in-Picture, Thermal Fusion and Bright LED Light

- 0.05°C @ 30°C Thermal Sensitivity
- Bright LED Light
- Text Annotation
- Picture-in-Picture (Scalable)
- Thermal Fusion



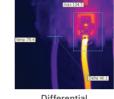
- 4X Continuous Zoom
- Area Min/Max with Auto Hot/Cold
 - Spot Marker
- Delta T Differential Temperature







Built-in Illuminator Light



Differential Temperature

FLIR E60 Features

- High Resolution IR Images 76,800 pixels (320 x 240) Infrared resolution
- Visible Light Digital Camera 3MP resolution with flash provides sharp images regardless of lighting conditions
- Thermal Fusion Blending of thermal and digital images in real-time
- Scalable Picture in Picture (PIP) - Displays thermal image superimposed over a digital image and is scalable to resize the thermal image
- Bright LED Light Allows the visual camera and fusion to be used in poorly lit environments
- Wide Temperature Range From ۲ -20° to +650°C targeting electrical and industrial applications
- ± 2% Accuracy reliable temperature measurement
- Thumbnail Image Gallery Allows quick search of stored images
- Li-lon Rechargable Battery lasts >5hrs continuous use; replaceable
- Copy to USB Easy upload of images from camera to USB memory stick
- Laser LocatIR[™] Pointer Pinpoints a reference spot with a laser
- Laser Marker Marks the point on the IR displayed image as to where the Laser pointer is targeting

- IR Window Correction Software settings allow you to account for transmission loss through IR windows
- Area (Min/Max) Mode Shows the Minumum or the Maximum Temperature reading within the selected area
- Auto Hot/Cold Spot Marker Marks the area that automatically finds the hottest or coldest spot within the box
- . Text Annotation- on images & can be integrated onto report
- Includes Hard transport case, Infrared camera with lens, Battery, Calibration certificate, Camera lens cap, FLIR Tools software CD-ROM Handstrap, Memory card, Power supply, incl. multi-plugs Printed **Getting Started Guide Printed** Important Information Guide, USB cable, User documentation CD-ROM, Video cable, Warranty extension card or Registration card

Applications







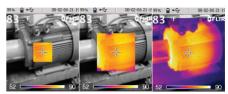
FLIR E60 Specifications

Encapsulation IP54(IEC60529) Bump 25g(IEC60068-2-29) Vibration 2g(IEC60068-2-6) Physical data	Imaging and optical data	
Thermalsensitivity/NETD <0.05°C@+30°C(+86°F)/50mK		25°×19°/0.4m(1.31ft.)
Image frequency 60H2 Focus Manual Zoom I-4-continuous, digitalzoom, including panning Focal Plane Array (FPA)/Spectral range Uncooled microbolometer/7.5-13µm Inage presentation Display Display Touch screen, 3.5in. LCD, 320-240 pixels Image modes IRimage, visualing, thermal fusion, picture in picture, thumbnail gallery Thermalfusion Rimage, visualing, thermal fusion, picture in picture, thumbnail gallery Thermalfusion Rimage situaling, thermal fusion, picture in picture, thumbnail gallery Thermalfusion Rimage, visualing, thermal fusion, picture in picture, thumbnail gallery Thermalfusion Rimage, visualing, thermal fusion, picture in picture, thumbnail gallery Thermalfusion Rimage, visualing, thermal fusion, picture in picture, thumbnail gallery Thermalfusion Rimage, visualing, thermal fusion, picture in picture, thumbnail gallery Thermalfusion Rimage, visualing, thermal fusion, picture in picture, thumbnail gallery Thermalfusion Picture in Picture Disterment analysis Standard Difference and picture, thermal fusion and the picture and standard picture, thermal fusion and the picture and standard picture, thermal fusion and the picture, thermal fusion and the picture, and the pictu	Spatial resolution (IFOV)	1.36mrad
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Optional lens		
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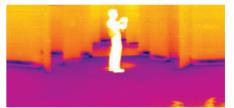
Bright LED Light

Exclusive, built-in illuminator lamp sheds light on poorly lit sites. Low light areas like electrical cabinets, storage facilities, or night-time spots will create dark visual images that can hamper your ability to illustrate problems effectively. FLIR cameras ensure quality visual images regardless of job site lighting levels.



Scalable Picture-in-Picture

Allows for easier identification and interpretation of infrared images. This advanced technology enhances the value of an infrared image by allowing you to overlay it directly over the corresponding visible image. This functionality combines the benefits of both the infrared image and visual picture at the push of a button. The scalability feature permits you to resize the thermal image as needed on a large 3.5" color display.



Optional Software Packages

FLIR Reporter Professional is a powerful software for creating compelling and professional, fully customized, easy-to-interpret reports in a standard MS Word Document. You can create a report by simply Dragging and Dropping your images on a desktop icon or using the Wizards to guide you step-by-step through the process. The saved document is a 'live' report with full access to the analysis tools and temperature measurement data. The reports can be multi-page and include all of your IR inspection data -infrared and visual images, temperature measurements, voice comments and text notes.

Softwares for Research & Development Infrared cameras are sucessfully used in R&D applications to speed up and verify the design process, as well as enabling fast, non-invasive and precise detection of deficiencies. With **FLIR QuickPlot/ FLIR ResearchIR**, the benefits and use of an infrared camera can be further extended and allow more in depth analayses to be made.

Panorama Function allows you to conveniently piece together normal sized images to create one large image for a wide angle view of the area being measured by using FLIR BuildIR or Reporter Software package.



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