

Part number:
T198206

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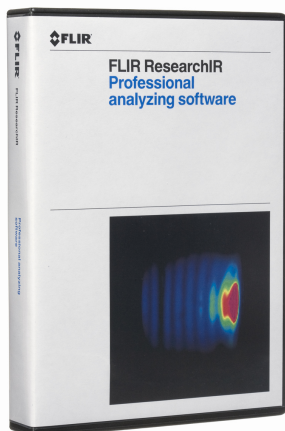
Customer support

<http://support.flir.com>

Legal disclaimer

Specifications subject to change without further notice. Camera models and accessories subject to regional market considerations. License procedures may apply.

Information and equipment described herein may require US Government authorization for export purposes. Diversion contrary to US law is prohibited.



General description

FLIR ResearchIR is aimed at R&D users of uncooled infrared cameras who want an analysis of thermal events for design, product, or process reasons. FLIR ResearchIR gets the most from your infrared camera and allows high-speed recording and advanced thermal pattern analysis. Its powerful recording and processing options make FLIR ResearchIR the perfect companion for R&D work.

Key features:

- Visualizes thermal patterns.
- Flexible and ergonomic user interface.
- Powerful high-speed recording options with conditional start/stop.
- Advanced playback controls.
- Multiple measurement tools (line profile, area, spot).
- Emissivity calculator.
- Delta measurement.
- Processing filter chain with averaging, subtraction, and sliding subtraction.
- Advanced image colorization (multiple color palettes, color distribution patterns, advanced isotherms).
- Advanced export options (image, plot, and profile to the clipboard or a file either as a picture, movie, or CSV data).
- Fusion on still images.
- Contrast and palette isotherm.

Typical applications:

- The transient behavior of a power supply or one of its components during power up when altering the load or any other parameter.
- Evaluating the transient behavior of a car brake when braking and when altering the material in the brakes.

Download

<http://support.flir.com/SwDownload/app/RssSWDownload.aspx?ID=132>

Release notes

Version	FLIR ResearchIR 3.0
New features	• --- News in 3.0:

Scope of delivery

- FLIR ResearchIR
- Getting Starting Guide

System requirements

Operating system	<ul style="list-style-type: none">• Windows XP, 32 bit• Windows Vista, 32 bit• Windows Vista, 64 bit• Windows 7, 32 bit• Windows 7, 64 bit
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Compatible with the following products

- 40402-3501 FLIR SC660 12°
- 40402-3502 FLIR SC660 24°
- 40402-3503 FLIR SC660 45°
- 40402-3601 FLIR SC640 12°
- 40402-3602 FLIR SC640 24°
- 40402-3603 FLIR SC640 45°
- 40402-3702 FLIR SC620 24°
- 40402-3703 FLIR SC620 45°

P/N: T198206

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Compatible with the following products

- 55901-0101 FLIR T620 15° (incl. Wi-Fi)
- 55901-0102 FLIR T620 25° (incl. Wi-Fi)
- 55901-0103 FLIR T620 45° (incl. Wi-Fi)
- 55901-0301 FLIR T620bx 15° (incl. Wi-Fi)
- 55901-0302 FLIR T620bx 25° (incl. Wi-Fi)
- 55901-0303 FLIR T620bx 45° (incl. Wi-Fi)
- 55901-0401 FLIR T640 15° (incl. Wi-Fi)
- 55901-0402 FLIR T640 25° (incl. Wi-Fi)
- 55901-0403 FLIR T640 45° (incl. Wi-Fi)
- 55901-0601 FLIR T640bx 15° (incl. Wi-Fi)
- 55901-0602 FLIR T640bx 25° (incl. Wi-Fi)
- 55901-0603 FLIR T640bx 45° (incl. Wi-Fi)
- 55901-1101 FLIR T620 15°
- 55901-1102 FLIR T620 25°
- 55901-1103 FLIR T620 45°
- 55901-1301 FLIR T620bx 15°
- 55901-1302 FLIR T620bx 25°
- 55901-1303 FLIR T620bx 45°
- 55901-1401 FLIR T640 15°
- 55901-1402 FLIR T640 25°
- 55901-1403 FLIR T640 45°
- 55901-1601 FLIR T640bx 15°
- 55901-1602 FLIR T640bx 25°
- 55901-1603 FLIR T640bx 45°
- 55901-0201 FLIR T610 15° (incl. Wi-Fi)
- 55901-0202 FLIR T610 25° (incl. Wi-Fi)
- 55901-0203 FLIR T610 45° (incl. Wi-Fi)
- 55901-1201 FLIR T610 15°
- 55901-1202 FLIR T610 25°
- 55901-1203 FLIR T610 45°
- 37705-0102 FLIR T360 (9 Hz)
- 40205-0201 FLIR T250
- 40206-0102 FLIR T200
- 45001-0202 FLIR T390 (50 Hz)
- 45002-0201 FLIR T340 (50 Hz)
- 45004-0201 FLIR T330 (50 Hz)
- 45301-0202 FLIR T400 (30 Hz)
- 45302-0201 FLIR T360 (30 Hz)
- 45305-0201 FLIR T300 (30 Hz)
- 45307-0202 FLIR T425 (30 Hz)
- 45601-0202 FLIR T425 (9 Hz)
- 45309-0201 FLIR T365 (30 Hz)
- 45602-0201 FLIR T365 (9 Hz)
- 45605-0201 FLIR T250 (9 Hz)
- 45606-0201 FLIR T200 (9 Hz)
- 45609-0201 FLIR T335 (9 Hz)
- 45311-0201 FLIR T335 (30 Hz)
- 45605-0201-1 FLIR T250 (9 Hz) + EX845
- 45609-0201-1 FLIR T335 (9 Hz) + EX845
- 45309-0201-1 FLIR T365 (30 Hz) + EX845
- 45602-0201-1 FLIR T365 (9 Hz) + EX845
- 45307-0202-1 FLIR T425 (30 Hz) + EX845
- 45601-0202-1 FLIR T425 (9 Hz) + EX845
- 45311-0201-1 FLIR T335 (30 Hz) + EX845
- 37706-0102 FLIR B360 (9 Hz)
- 40207-0201 FLIR B250
- 40208-0102 FLIR B200
- 45303-0202 FLIR B400 (30 Hz)
- 45304-0201 FLIR B360 (30 Hz)
- 45306-0201 FLIR B300 (30 Hz)
- 45308-0202 FLIR B425 (30 Hz)
- 45603-0202 FLIR B425 (9 Hz)
- 45310-0201 FLIR B365 (30 Hz)
- 45604-0201 FLIR B365 (9 Hz)
- 45607-0201 FLIR B250 (9 Hz)
- 45608-0201 FLIR B200 (9 Hz)
- 45610-0201 FLIR B335 (9 Hz)
- 45312-0201 FLIR B335 (30 Hz)
- 45607-0201-1 FLIR B250 (9 Hz) + MO297
- 45610-0201-1 FLIR B335 (9 Hz) + MO297
- 45604-0201-1 FLIR B365 (9 Hz) + MO297
- 45310-0201-1 FLIR B365 (30 Hz) + MO297
- 45603-0202-1 FLIR B425 (9 Hz) + MO297
- 45308-0202-1 FLIR B425 (30 Hz) + MO297
- 45312-0201-1 FLIR B335 (30 Hz) + MO297
- 48201-1201 FLIR A320 Tempscreen
- 42701-1201 FLIR A320 Tempscreen (9 Hz)
- 42901-1001 FLIR SC305
- 48001-1001 FLIR SC325
- 55001-0201 FLIR SC645 15°
- 55001-0202 FLIR SC645 25°
- 55001-0203 FLIR SC645 45°
- 55001-0204 FLIR SC645 7°
- 55001-0301 FLIR SC655 15°
- 55001-0302 FLIR SC655 25°
- 55001-0303 FLIR SC655 45°
- 55001-0304 FLIR SC655 7°
- 39903-1102 FLIR i60



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Compatible with the following products

- 39903-1102-1 FLIR i60 + EX845
 - 39904-1202 FLIR b60
 - 39904-1202-1 FLIR b60 + MO297
 - 49001-0101 FLIR E33
 - 49001-0201 FLIR E65
 - 49001-0301 FLIR E40 (incl. Wi-Fi)
 - 49001-0401 FLIR E50 (incl. Wi-Fi)
 - 49001-0502 FLIR E60 (incl. Wi-Fi)
 - 49001-0701 FLIR E40bx (incl. Wi-Fi)
 - 49001-0801 FLIR E50bx (incl. Wi-Fi)
 - 49001-0902 FLIR E60bx (incl. Wi-Fi)
 - 49001-1301 FLIR E40
 - 49001-1401 FLIR E50
 - 49001-1502 FLIR E60
 - 49001-2001 FLIR E40 (incl. Wi-Fi), North America
 - 49001-2101 FLIR E50 (incl. Wi-Fi), North America
 - 49001-0602 FLIR E60 (incl. Wi-Fi), North America
 - 49001-2401 FLIR E40bx (incl. Wi-Fi), North America
 - 49001-2501 FLIR E50bx (incl. Wi-Fi), North America
 - 49001-1002 FLIR E60bx (incl. Wi-Fi), North America
 - 49001-2201 FLIR E40, North America
 - 49001-2301 FLIR E50, North America
 - 49001-1602 FLIR E60, North America
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