# FLIR P640 24° (2010 model)



Imaging and optical data	
Field of view (FOV)	24° × 18°
Minimum focus distance	0.3 m (1.0 ft.)
Focal length	38 mm (1.5 in.)
Spatial resolution (IFOV)	0.65 mrad
Lens identification	Automatic
F-number	1.1
Thermal sensitivity/NETD	<30 mK @ +30°C (+86°F)
Image frequency	30 Hz
Focus	Automatic or manual (electric or on the lens)
Digital zoom	1–8× continuous
Panning	Panning on frozen image
Digital image enhancement	Adaptive digital noise reduction
Detector data	
Detector type	Focal Plane Array (FPA), uncooled microbolometer
Spectral range	7.5–13 μm
IR resolution	640 × 480 pixels
Image presentation	
Display	Built-in widescreen, 5.6 in. LCD, 1024 × 600 pixels
Viewfinder	Built-in, tiltable LCD, 800 × 600 pixels
Automatic image adjustment	Continuous/manual; linear or histogram based
Automatic image adjustment, type	Standard or histogram based from image content
Manual image adjustment	Level/span/max/min
Image presentation modes	·
Infrared image	Full IR-image with selected color scale
Visual image	Full color visual image
Thermal fusion	IR image shown above, below or within temp interval
	on visual image
Picture in Picture	Resizable and movable IR area on visual image
Reference image	Shown together with live IR image
Measurement	
Object temperature range	-40°C to +120°C (-40°F to +248°F) 0°C to +500°C (+32°F to +932°F)
Accuracy	$\pm 2$ °C ( $\pm 3.6$ °F) or $\pm 2\%$ of reading
Measurement analysis	
Spotmeter	10
Area	5 boxes or circles with max./min./average
Automatic hot/cold detection	Max/Min temp. value and position shown within box, circle or on a line
Isotherm	2 with above/below/interval
Profile	1 live line (horizontal or vertical)
Difference temperature	Delta temperature between measurement functions or reference temperature
Reference temperature	Manually set or captured from any measurement function
Atmospheric transmission correction	Automatic, based on inputs for distance, atmospheric temperature and relative humidity
	temperature and relative numbers

Emissivity correction	Variable from 0.01 to 1.0 or selected from editable
	materials list
Emissivity table	Emissivity table of predefined and editable materials
Reflected apparent temperature correction	Automatic, based on input of reflected temperature
External optics/windows correction	Automatic, based on inputs of optics/window transmission and temperature
Alarm	
Measurement function alarm	Audible/visual alarms (above/below) on any selected measurement function
Humidity alarm	1 humidity alarm, including dew point alarm
Insulation alarm	1 insulation alarm
Set-up	
Set-up commands	Configurable measurment tools menu; configure information to be shown in image; 2 Programmable buttons; user profiles; local adaptation of units, language, date and time formats
Storage of images	
Image storage type	Removable memory card Built-in RAM memory for burst recording
Image storage mode	IR/visual images, simultaneous storage of IR and visual images. Visual image is automatically associated with corresponding IR image.
Periodic image storage	Every 10 seconds up to 24 hours
Panorama	For creating panorama images in FLIR Reporter Building software
File formats	Standard JPEG, 14 bit measurement data included
File formats, visual	Standard JPEG, automatically associated with corresponding thermal image
Image annotations	
Voice	60 seconds stored with the image
Text	Predefined text or free text from PDA (via IrDA) stored with the image
Image description	Free text from PDA using IrDA
Image marker	4 on IR or visual image
Video recording	
Radiometric IR-video recording	Real-time to built-in RAM, transferable to memory card.
Non-radiometric IR-video recording	MPEG-4 to memory card
Video streaming	
Non-radiometric IR-video streaming	MPEG-4 to PC using USB, FireWire or WLAN (optional)
Digital camera	
Built-in digital camera	3.2 Mpixel, auto focus, and video lamp
Video lamp	Built-in video lamp
Laser pointer	
Laser	Activated by dedicated button
Laser classification	Class 2
Laser type	Semiconductor AlGaInP diode laser, 1 mW, 635 nm (red)
Data communication interfaces	
FireWire	Radiometric IR video streaming output Non radiometric IR video streaming output File transfer to and from PC
FireWire, standard	IEEE 1394, 100/200/400 Mbps
FireWire, connector type	6/6 IEEE 1394 connector
USB	<ul> <li>USB-A: Connect external USB device (e.g. memory stick)</li> <li>USB Mini-B: Data transfer to and from PC / streaming MPEG-4</li> </ul>
USB, standard	USB 1.1 Full speed (12 Mbps)
USB, connector type	USB-A connector USB Mini-B connector
IrDA	Infrared communications for text comments from PDA
SD Card	Two card slots
Audio	Headset connection for voice annotation of images
Audio, connector type	4-pole 3.5 mm jack

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Composite video	
Video	Composite video output
Video, standard	CVBS (ITU-R-BT.470 PAL/SMPTE 170M NTSC)
Video, connector type	Standard RCA connector
Power system	
Battery type	Rechargeable Li Ion battery
Battery voltage	7.2 V
Battery capacity	4.4 Ah
Battery operating time	> 3 hours at 25°C (+68°F) and typical use
Charging system	In camera (AC adapter or 12 V from a vehicle) or 2-bay charger
Charging time	2.5 h to 95% capacity, charging status indicated by LED's
External power operation	AC adapter 90–260 VAC, 50/60 Hz or 12 V from a vehicle (cable with standard plug, optional)
Power management	Automatic shutdown and sleep mode (user selectable)
Environmental data	
Operating temperature range	-15°C to +50°C (+5°F to +122°F)
Storage temperature range	-40°C to +70°C (-40°F to +158°F)
Humidity (operating and storage)	IEC 68-2-30/24 h 95% relative humidity +25°C to +40°C (+77°F to +104°F)
EMC	<ul> <li>EN 61000-6-2:2005 (Immunity)</li> <li>EN 61000-6-3:2007 (Emission)</li> <li>FCC 47 CFR Part 15 Class B (Emission)</li> </ul>
Encapsulation	IP 54 (IEC 60529)
Bump	25 g (IEC 60068-2-29)
Vibration	2 g (IEC 60068-2-6)
Physical data	
Camera weight, excl. lens and battery	1.13 kg (2.49 lb.)
Camera weight, incl. lens and battery	1.8 kg (4.0 lb.)
Battery weight	0.24 kg (0.52 lb.)
Camera size, excl. lens (L × W × H)	282 × 144 × 147 mm (11.1 × 5.7 × 5.8 in.)
Cameras size, incl. lens (L × W × H)	299 × 144 × 147 mm (11.8 × 5.7 × 5.8 in.)
Battery size (L × W × H)	141 × 47 × 28 mm (5.5 × 1.8 × 1.1 in.)
Battery charger size (L × W × H)	158 × 122 × 25 mm (6.2 × 4.8 × 1.0 in.)
Tripod mounting	UNC 1/4"-20
Housing material	Magnesium
Grip material	TPE Thermoplastic Elastomer Plastics

### Scope of delivery

- Hard transport case
  Infrared camera with lens
  Battery (2 ea., one inserted in camera, one outside camera)
  Battery charger
  Calibration certificate
  FLIR QuickReport\*\* PC software CD-ROM

- FireWire cable, 4/6 FireWire cable, 6/6

- Lens cap (mounted on lens) Lens cap (2 ea.) Mains cable Memory card-to-USB adapter

- Memory card with adapter
  Power supply
  Printed Getting Started Guide
- Shoulder strap
  USB cable
  User documentation CD-ROM
- Video cable
- Warranty extension card or Registration card

### **Optional Accessories**

- Optional Accessories

  1196683 Close-up IR lens 0.5X, f = 75 mm (fits 24° IR lens) for ThermaCAM and FLIR 600 series
  1197188 IR lens f = 76 mm, 12°, incl. case for FLIR 600 series
  1197190 IR lens, f = 131 mm, 7°, incl. case for FLIR 600 series
  1197187 IR lens f = 19 mm, 45°, incl. case for FLIR 600 series
  1197187 IR lens f = 38 mm, 24°, incl. case for FLIR 600 series
  1197341 Macro lens 1x (25 um) with case
  1197343 Protective window (fits 24°) with case
  1196745 High temperature option +2000°C/+3632°F
  1196744 High temperature option +1500°C/+2732°F
  1196744 High temperature option +1500°C/+2732°F
  1196748 Power supply, incl. multi plugs
  17910348 Power supply, incl. multi plugs
  1910475 Adapter, SD memory card to USB
  17910173 Memory card micro-SD with adapters
  1910423 USB cable Std A <>> Mini-B. 2 m/6.6 ft.
  1910432 FireWire cable 4/6, 2.0 m/6.6 ft.
  1910494 Video cable, RCA <>> RCA, 2.0 m/6.6 ft.
  1910490 Cigarette lighter adapter kit, 12 VDC, 1.2 m/3.9 ft.
  1197230 Remote Control Unit

#### **Optional Software**

- T197717 FLIR Reporter 8.5 SP1, Professional
  T197717L5 FLIR Reporter 8.5 SP1, Professional, 5 user licenses
  T197717L10 FLIR Reporter 8.5 SP1, Professional, 10 user licenses
  T197778 FLIR BuildIR 2.1
- T197778L5 FLIR BuildIR 2.1, 5 user licenses
  T197778L10 FLIR BuildIR 2.1, 10 user licenses



# **Optional Accessories**

1196683; Close-up IR lens 0.5X, f = 75 mm (fits 24° IR lens) for ThermaCAM and FLIR 600 series



General description

This close-up optic attaches to the standard 24° lens and provides resolution of very small targets.		
Technical data		
Field of view (FOV)	32 × 24 mm (1.26 × 0.94 in.)	
Magnifying factor	0.5×	
	()	

wagiliying factor	0.5%
Minimum focus distance	60.3 mm (2.36 in.)
Focal length	76.3 mm (3.0 in.)
Spatial resolution (IFOV)	50 μm
F-number	1.1
Weight	131 g
Size (L × D)	28.6 mm (1.12 in.) × 81.0 (3.19 in)

# T197188; IR lens f = 76 mm, 12°, incl. case for FLIR 600 series



General	descri	ptior

The 12° lens is a popular lens accessory and provides 2× magnification compared to the standard lens. Ideal for small or distant targets such as overhead power lines.

12° × 9°	
1.2 m (3.9 ft.)	
76 mm (3.0 in.)	
0.33 mrad	
1.1	
	1.2 m (3.9 ft.) 76 mm (3.0 in.) 0.33 mrad

v1.0

# T197190; IR lens, f = 131 mm, 7°, incl. case for FLIR 600 series



The  $7^{\circ}$  lens is a popular lens accessory and provides 3.5x magnification compared to the standard lens. Ideal for small or distant targets such as overhead power lines.

7° × 5.3°
3.0 m (9.8 ft.)
131 mm (5.2 in.)
0.19 mrad
1.1
1.50 kg (3.30 lb.), Support 0.45 kg (0.99 lb.)
168.2 mm (6.62 in.) × 146.0 mm (5.75 in.)

Lens Lens case Mounting support

v1.01

# T197189; IR lens f = 19 mm, 45°, incl. case for FLIR 600 series





#### General description

This wide angle lens has a field of view almost double that of the standard  $24^\circ$  lens. Perfect for wide or tall targets or when working in crowded spaces.

Technical data		
Field of view (FOV)	45° × 34°	
Minimum focus distance	0.2 m (0.7 ft.)	
Focal length	19 mm (0.75 in.)	
Spatial resolution (IFOV)	1.3 mrad	
F-number	1.1	

### Scope of delivery

v1.01

# T197187; IR lens f = 38 mm, 24°, incl. case for FLIR 600 series

General description		
The standard 24° lens is suitable for the	majority of applications.	
Technical data		
Field of view (FOV)	24° × 18°	
Minimum focus distance	0.3 m (1.0 ft.)	
Focal length	38 mm (1.5 in.)	
Spatial resolution (IFOV)	0.65 mrad	
F-number	1.1	
Scope of delivery		
Lens     Lens case		
		v1.0

# T107041, Maara Jana 1,, (05 ,,,,,) ,,,,th assa

Field of view (FOV)         16 x 12 mm (0.63 x 0.47 in.)           Magnifying factor         1x           Working distance         18 mm (0.71 in.)           Depth of field         ±0.13 mm           Spatial resolution (IFOV)         25 µm           F-number         1.1           Focus         Fixed	eneral description	
Magnifying factor         1x           Working distance         18 mm (0.71 in.)           Depth of field         ±0.13 mm           Spatial resolution (IFOV)         25 µm           F-number         1.1           Focus         Fixed           Scope of delivery           • Lens	or R&D usage or development purposes.	As an example looking at PCB's or small electronic components.
Magnifying factor         1x           Working distance         18 mm (0.71 in.)           Depth of field         ±0.13 mm           Spatial resolution (IFOV)         25 µm           F-number         1.1           Focus         Fixed           Scope of delivery           • Lens	echnical data	
Working distance 18 mm (0.71 in.)  Depth of field ±0.13 mm  Spatial resolution (IFOV) 25 μm  F-number 1.1  Focus Fixed  Scope of delivery  • Lens	ield of view (FOV)	16 × 12 mm (0.63 x 0.47 in.)
Depth of field         ±0.13 mm           Spatial resolution (IFOV)         25 μm           F-number         1.1           Focus         Fixed           Scope of delivery           • Lens	lagnifying factor	1x
Spatial resolution (IFOV) 25 μm  F-number 1.1  Focus Fixed  Scope of delivery  • Lens	orking distance	18 mm (0.71 in.)
F-number 1.1 Focus Fixed Scope of delivery  • Lens	epth of field	±0.13 mm
Focus Fixed  Scope of delivery  Lens	patial resolution (IFOV)	25 μm
Scope of delivery  • Lens	-number	1.1
• Lens	ocus	Fixed
	cope of delivery	
- LOTIO GUAC		
	Lens case	v1

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# T197343; Protective window (fits 24°) with case



#### General description

Protective window for the  $24^{\circ}$  lens. The window is made of monocrystalline fluoride

# 1196745; High temperature option +2000°C/+3632°F



#### General description

For high temperature applications the camera can be calibrated for high temperature ranges

#### Technical data

Optional object temperature range Up to +2000°C (+3632°F)

v1.0

# 1196744; High temperature option +1500°C/+2732°F



For high temperature applications the camera can be calibrated for high temperature ranges.

Optional object temperature range Up to +1500°C (+2732°F)

v1.0

### 1196209; Battery



Gene	eral description		
11:		j	_

High capacity battery for the IR camera.	
Technical data	
Battery type	Rechargeable Li Ion battery
Battery voltage	7.2 V
Battery capacity	4.4 Ah
Battery note	Approximate lithium content: 3.0 g

Charging system In camera (AC adapter or 12 V from a vehicle) or 2-bay charger 2.5 h to 95% capacity, charging status indicated by LED's Charging time Battery weight 0.24 kg (0.52 lb.) Size  $(L \times W \times H)$  $141 \times 47 \times 28 \text{ mm} (5.5 \times 1.8 \times 1.1 \text{ in.})$ v1.01

# T197563; Battery charger, incl. power supply with multi

General description	
Stand-alone 2-bay battery charger, including	power supply with multi plugs.
Technical data	
AC operation	100-240 VAC, 50/60 Hz, 12 VDC out
Power	3000 mA at 12 VDC
Battery charger size (L × W × H)	158 × 122 × 25 mm (6.2 × 4.8 × 1.0 in.)
Cable length	1.98 m (6.5 ft.)

### Scope of delivery

- Stand-alone 2-bay battery charger Power supply including cable

- EU plug UK plug US plug AU plug

# T910814; Power supply, incl. multi plugs



Combined power supply, including multiple plugs, and battery charger to charge the battery when it is inside or outside of the camera.

Technical data	
AC operation	100-240 VAC, 50/60 Hz, 12 VDC out
Power	3000 mA at 12 VDC
Cable length	1.98 m (6.5 ft.)

- Power supply including cable
  EU plug
  UK plug
  US plug
  AU plug

v1.02

# 1910475; Adapter, SD memory card to USB

# General description

Adapter, SD memory card to USB.

Easy to install and use; no additional driver installation required for Windows ME, 2000 and XP. Driver included for Windows 98SE.

Technical data	
Weight	16 g (0.56 oz.)
Size (L × W × H)	74 × 26 × 11 mm (2.9 × 1.0 × 0.4 in.)
	v

# T910737; Memory card micro-SD with adapters

	a. a	. •
General description		
Micro-SD Card for data storage (e.g. ima	ages)	
Technical data		
Memory card, size	2 GB	
Scope of delivery		
micro-SD     Adapter to miniSD Card		

Adapter from miniSD Card to SD memory card



# 1910423; USB cable Std A <-> Mini-B, 2 m/6.6 ft.



General description	
This cable is used to connect the	infrared camera with a computer, using the USB protocol.
Technical data	
Weight	60 g (2.1 oz.)
Cable length	1.8 m (5.9 ft.)
Connector	Standard USB-A to USB Mini-B
	v1.02

# 1910482; FireWire cable 6/6, 2.0 m/6.6 ft.



General description	
This cable is used to connect the infrared camera with a computer, using the FireWire protocol.	
Technical data	
Weight	157 g (5.5 oz.)
Cable length	2.0 m (6.6 ft.)
Connector	FireWire 6-pin to 6-pin
	v1.01

# 1910483; FireWire cable 4/6, 2.0 m/6.6 ft.



General description	
This cable is used to connect the infrared camera with a computer, using the FireWire protocol.	
Technical data	
Weight	128 g (4.5 oz.)
Cable length	2.0 m (6.6 ft.)
Connector	FireWire 4-pin to 6-pin
	v1.01

# 1910484; Video cable, RCA <-> RCA, 2.0 m/6.6 ft.



#### General description

This cable is used to transfer video signals from the infrared camera to an external monitor, or to a compute featuring an internal video card

Technical data	
Weight	60 g (2.1 oz.)
Cable length	2.0 m (6.6 ft.)
Connector	RCA to RCA
-	and the second s

# 1910490; Cigarette lighter adapter kit, 12 VDC, 1.2 m/3.9 ft.



General description		
This cable is used to power the infrared camera from the cigarette lighter socket in a car.		
Technical data		
Cable length	1.2 m (3.9 ft).	
		v1.0

# T197262; Hard transport case for FLIR B/P/SC6XX



General description	
Hard transport case for FLIR B/P/SC6X	(X
Technical data	
Weight	3.5 kg (7.7 lb.)
Size (L × W × H)	495 × 387 × 194 mm (19.5 × 15.2 × 7.6 in.)
Color	Black
	v1.01

# 1910489; Headset, 3.5 mm plug



General description		
Standard headset with 3.5 mm plug		
Technical data		
Audio	Headset including microphone	

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Audio, connector type	4-pole 3.5 mm jack	
Scope of delivery		
Headset		
		v1.01
T197230; Remote (	Control Unit	
General description		
Remote Control Unit		

v1.0



# **Optional Software**

# T197717; FLIR Reporter 8.5 SP1, Professional



#### General description

FLIR Reporter Professional is a powerful software for creating compelling and professional, fully customized, easy-to-interpret maintenance reports.

Professional Report Wizard guides you step-by-step in combining all IR inspection data - infrared and visual images, temperature measurements, and text notes – into a professional, easy-to-interpret maintenance report.

#### Kev features

- Flexible report page design and layout for customized reports Use quick insert function to easily create custom report pages Fully integrated with standard Microsoft Word Generates reports in standard MS Office format and PDF-form

- Powerful temperature analysis Triple Fusion Picture-in-Picture (movable, sizable, scalable)
- Rapid report manager supporting automatic report generation by drag-and-drop
- Trending functionality
- Automatic link to Google™ Maps for images with GPS coordinates

  Automatic link to Google™ Maps for images with GPS coordinates

  Automatic summary table for the report

  Fine tune images and make full temperature analysis directly in Microsoft Word

- Create your own formulas including measurement values from images

- Play radiometric sequences directly in the report Search functionality to quickly finding images for your report
- Searon functionality to quickly finding images for your report Panorama tool for combining several images to a larger image Support for GF series IR images Auto Update functions Windows 7, 32 and 64-bit Support for MeterLink™ data

- \*.docx compatibility

Release notes	
Version	8.5 SP1
New features	<ul> <li>Full support for Windows® 7</li> <li>Support for MeterLink™ data</li> <li>*.docx compatibility</li> </ul>

## Scope of delivery

- FLIR Reporter Professional Getting Starting Guide

### System requirements

Operating system Windows XP, 32-bit Windows XP, 32-bit Windows Vista, 32-bit Windows Vista, 64-bit Windows 7, 32-bit Windows 7, 64-bit

v1.01

### T197717L5; FLIR Reporter 8.5 SP1, Professional, 5 user licenses



FLIR Reporter Professional is a powerful software for creating compelling and professional, fully customized, easy-to-interpret maintenance reports.

Professional Report Wizard guides you step-by-step in combining all IR inspection data - infrared and visual images, temperature measurements, and text notes – into a professional, easy-to-interpret maintenance

Key features

- Flexible report page design and layout for customized reports Use quick insert function to easily create custom report pages Fully integrated with standard Microsoft Word Generates reports in standard MS Office format

- Powerful temperature analysis Triple Fusion Picture-in-Picture (movable, sizable, scalable)

- Inple Fusion Picture-in-Picture (movable, sizable, scalable)
  Rapid report manager supporting automatic report generation by drag-and-drop
  Trending functionality
  Automatic link to Google™ Maps for images with GPS coordinates
  Automatic summary table for the report
  Fine tune images and make full temperature analysis directly in Microsoft Word Spell check
- Create your own formulas including measurement values from images
- Create your own formulas including measurement values from Play radiometric sequences directly in the report Search functionality to quickly finding images for your report Panorama tool for combining several images to a larger image Support for GF series IR images Auto Update function Windows 7, 32 and 64-bit Support for Metod is Middle

- Support for MeterLink™ data
- \*.docx compatibility

Release notes	
Version	8.5 SP1
New features	<ul> <li>Full support for Windows® 7</li> <li>Support for MeterLink™ data</li> <li>*.docx compatibility</li> </ul>

#### Scope of delivery

- FLIR Reporter Professional
- Getting Starting Guide 5 user licenses

System	require	ments

Windows XP, 32-bit Windows Vista, 32-bit Windows Vista, 64-bit Operating system Windows 7, 32-bit Windows 7, 64-bit

v1 01

# T197717L10; FLIR Reporter 8.5 SP1, Professional, 10



### General description

FLIR Reporter Professional is a powerful software for creating compelling and professional, fully customized, easy-to-interpret maintenance reports.

Professional Report Wizard guides you step-by-step in combining all IR inspection data - infrared and visual images, temperature measurements, and text notes – into a professional, easy-to-interpret maintenance

### Key features:

- Flexible report page design and layout for customized reports
  Use quick insert function to easily create custom report pages
  Fully integrated with standard Microsoft Word
  Generates reports in standard MS Office format and PDF-format
  Powerful temperature analysis
  Triple Fusion Picture-in-Ficture (movable, sizable, scalable)
  Rapid report manager supporting automatic report generation by drag-and-drop
  Trending functionality

- rapid report manager supporting automatic report generation by drag-and-drop Trending functionality Automatic link to Google™ Maps for images with GPS coordinates Automatic summary table for the report Fine tune images and make full temperature analysis directly in Microsoft Word Spell check Create your own formulas including measurement values from images

- Create your own infinitial including measurement values from Play radiometric sequences directly in the report Search functionality to quickly finding images for your report Panorama tool for combining several images to a larger image Support for GF series IR images Auto Update function Windows 7, 32 and 64-bit Support for MeterLink™ data \*docs compatibility.

*.docx compatibility		
Release notes		
Version	8.5 SP1	
New features	<ul> <li>Full support for Windows® 7</li> <li>Support for MeterLink™ data</li> <li>*.docx compatibility</li> </ul>	
Scope of delivery		
FLIR Reporter Professional		

- Getting Starting Guide 10 user licenses



System requirements		
Operating system	Windows XP, 32-bit Windows Vista, 32-bit Windows Vista, 64-bit Windows 7, 32-bit Windows 7, 64-bit	

v1.01

### T197778; FLIR BuildIR 2.1



#### General description

A dedicated and flexible software for advanced analyses of building related applications

Report templates for energy loss / cost savings potential, air infiltration, moisture and insulation deficiencies Assess scope of damage/problem

Assess scope of an uningerproblem.

Increase Speed & Quality of your reports.

Quantify geometrical areas and use the panorama tool to stitch images of large objects together.

Makes the work considerably easier for building related analyses - Organize, Analyze, Report

- See, Quantify and Estimate potential energy cost savings
- Possibility of assessing scope of damage/problem
  Customized report templates for: Air infiltration, Moisture, Insulation deficiencies, and estimation of potential energy savings.

  Panorama functionality: Create automatically one image from many to cover large objects or increase

- Create graph of the conditions during the inspection. Support for MeterLink™ data

Release notes		
Version	FLIR BuildIR 2.1	
New features	Support for Windows® 7     Support for MeterLink™ data     Support for fusion	
Scope of delivery		
FLIR BuildIR		
System requirements		
Operating system	Windows XP, 32-bit Windows Vista, 32-bit/64-bit Windows 7, 32-bit/64-bit	

T197778L5; FLIR BuildIR 2.1, 5 user licenses



A dedicated and flexible software for advanced analyses of building related applications. Report templates for energy loss / cost savings potential, air infiltration, moisture and insulation deficiencies. Assess scope of damage/problem. Increase Speed & Quality of your reports.

Quantify geometrical areas and use the panorama tool to stitch images of large objects together.

Makes the work considerably easier for building related analyses - Organize, Analyze, Report

### Kev features

- See, Quantify and Estimate potential energy cost savings.

  Possibility of assessing scope of damage/problem

  Customized report templates for: Air infiltration, Moisture, Insulation deficiencies, and estimation of potential energy savings.

  Panorama functionality: Create automatically one image from many to cover large objects or increase
- Link files
- Create graph of the conditions during the inspection. Support for MeterLink™ data

Helease	notes
Version	

FLIR BuildIR 2.1

Support for Windows® 7 Support for MeterLink™ data 

#### Scope of delivery

FLIR BuildIR
 5 user licens

#### System requirements

Operating system

Windows XP, 32-bit Windows Vista, 32-bit/64-bit Windows 7, 32-bit/64-bit

v1 0

# T197778L10; FLIR BuildIR 2.1, 10 user licenses



#### General description

A dedicated and flexible software for advanced analyses of building related applications.

Report templates for energy loss / cost savings potential, air infiltration, moisture and insulation deficiencies.

Assess scope of damage/problem.

Increase Speed & Quality of your reports.

Quantify geometrical areas and use the panorama tool to stitch images of large objects together.

Makes the work considerably easier for building related analyses - Organize, Analyze, Report

#### Key features

- See, Quantify and Estimate potential energy cost savings.
- See, Quantity and Estimate potential energy cost savings.
   Possibility of assessing scope of damage/problem
   Customized report templates for: Air infiltration, Moisture, Insulation deficiencies, and estimation of potential energy savings.
   Panorama functionality: Create automatically one image from many to cover large objects or increase resolution
   Link files.
   Create green of the conditions during the image file.

- Create graph of the conditions during the inspection.

Support for MeterLink™ data	
Release notes	
Version	FLIR BuildIR 2.1
New features	<ul> <li>Support for Windows® 7</li> <li>Support for MeterLink™ data</li> <li>Support for fusion</li> </ul>

### Scope of delivery

v1.0

- FLIR BuildIR
   10 user licenses

System requirements	
Operating system	Windows XP, 32-bit Windows Vista, 32-bit/64-bit Windows 7, 32-bit/64-bit
	v1

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