# FLIR P620 24° (2010 model)



Field of view (FOV)     24° × 18°       Minimum focus distance     0.3 m (1.0 ft.)       Focal length     38 mm (1.5 in.)       Spatial resolution ((FOV)     0.65 mrd       Lens identification     Automatic       Frumber     1.1       Thermal sensitivity/NETD     <40 mK @ +30°C (+86°F)       Image frequency     30 Hz       Focus     Automatic or manual (electric or on the lens)       Digital zoom     1–2× continuous       Panning     Panning on foczen image       Digital image enhancement     Adaptive digital noise reduction       Detector data     Detector data       Detector data     Detector data       Detector data     Detector data       Linage adjustment     Continuous/manual; linear or histogram based       Automatic image adjustment     Continuous/manual; linear or histogram based       Automatic image adjustment     Level/span/max/min       Linage presentation     III Arimage Null Fin. (Itable LCD, 800 v or within temp interval on visual image       Visual image adjustment     Level/span/max/min       Laboratic image adjustment     Level/span/max/min       Image presentation modes     III Arimage Null Fin. (Itable LCD, 800 v or within temp interval on visual image       Visual image     Fuil color visual image       Picture in Picture     Resizable and movable IR area on visual	Imaging and optical data	
Focal length     38 mm (1.5 in.)       Spatial resolution (IFOV)     0.65 mrad       Lens identification     Automatic       Frumber     1.1       Thermal sensitivity/NETD     <40 mK @ +30°C (+86°F)	Field of view (FOV)	24° × 18°
Spatial resolution (IFOV)     0.65 mrad       Lens identification     Automatic       F-number     1.1       Thermal sensitivity/NETD     <40 mK @ +30°C (+86°F)	Minimum focus distance	0.3 m (1.0 ft.)
Lens identification       Automatic         F-number       1.1         Thermal sensitivity/NETD       <40 mK @ +30°C (+86°F)	Focal length	38 mm (1.5 in.)
Fnumber       1.1         Thermal sensitivity/NETD       <40 mK @ +30*C (+86*F)	Spatial resolution (IFOV)	0.65 mrad
Thermal sensitivity/NETD         <40 mK @ +30°C (+86°F)	Lens identification	Automatic
Image frequency         30 Hz           Focus         Automatic or manual (electric or on the lens)           Digital zoom         1–2× continuous           Panning         Panning on frozen image           Digital image enhancement         Adaptive digital noise reduction           Detector data         Encode of the second	F-number	1.1
Focus         Automatic or manual (electric or on the lens)           Digital zoom         1-2x continuous           Panning         Panning on frozen image           Digital image enhancement         Adaptive digital noise reduction           Detector data	Thermal sensitivity/NETD	<40 mK @ +30°C (+86°F)
Digital zoom       1-2× continuous         Panning       Panning on frozen image         Digital image enhancement       Adaptive digital noise reduction         Detector data	Image frequency	30 Hz
Panning         Panning on frozen image           Digital image enhancement         Adaptive digital noise reduction           Detector data	Focus	Automatic or manual (electric or on the lens)
Digital image enhancement       Adaptive digital noise reduction         Detector data	Digital zoom	1-2× continuous
Detector data           Detector data           Detector type         Focal Plane Array (FPA), uncooled microbolometer           Spectral range         7.5–13 µm           IR resolution         640 × 480 pixels           Image presentation         Display           Display         Built-in widescreen, 5.6 in. LCD, 1024 × 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, type         Standard or histogram based from image content           Manual image adjustment, type         Standard or histogram based from image content           Manual image adjustment         Level/span/max/min           Image presentation modes         Infrared image           Infrared image         Full IR-image with selected color scale           Visual image         Full color visual image           Picture in Picture         Resizable and movable IR area on visual image           Reference image         Shown together with live IR image           Measurement         U           Object temperature range         -40°C to ±120°C (-40°F to ±248°F) 0°C to ±500°C (±32°F to ±32°F)           Accuracy         ±2°C (±3.6°F) or ±2% of reading           Measurement analysis </td <td>Panning</td> <td>Panning on frozen image</td>	Panning	Panning on frozen image
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           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 ±230°C (±32°F to ±932°F)           Accuracy         ±2°C (±3.6°F) or ±2% of reading           Measurement analysis         -           Spotmeter         3           Area         3 boxes or circles with max/min/average           Automatic hot/cold detectio	Digital image enhancement	Adaptive digital noise reduction
Spectral range       7.5–13 µm         IR resolution       640 × 480 pixels         Image presentation       Built-in widescreen, 5.6 in. LCD, 1024 × 600 pixels         Display       Built-in, tiltable LCD, 800 × 600 pixels         Automatic image adjustment       Continuous/manual; linear or histogram based         Automatic image adjustment       Level/span/max/min         Image presentation modes       Infrared image         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       -40°C to +120°C (-40°F to +248°F)         O'C to +500°C (+32°F to +248°F)       O'C to +500°C (+32°F to +248°F)         Object temperature range       -40°C to +120°C (-40°F to +248°F)         O'C to +500°C (+32°F to +248°F)       O'C to +500°C (+32°F to +248°F)         Accuracy       ±2°C (±3.6°F) or ±2% of reading         Measurement analysis       Spotmeter         Spotmeter       3         Area       3 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	Detector data	
IR resolution       640 × 480 pixels         Image presentation       Display         Display       Built-in widescreen, 5.6 in. LCD, 1024 × 600 pixels         Automatic image adjustment       Continuous/manual; linear or histogram based         Automatic image adjustment       Continuous/manual; linear or histogram based         Automatic image adjustment       Level/span/max/min         Image presentation modes       Infrared image         Full color 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 (-43°F to +248°F) 0°C to +500°C (+32°F) of to +248°F) 0°C to +500°C (+32°F) of to +248°F) 0°C to +500°C (+32°F) of to +302°F)         Accuracy       ±2°C (±3.6°F) or ±2% of reading         Measurement analysis       Spotmeter       3         Spotmeter       3       Area         Automatic hot/cold detection       Max/Min temp. value and position shown within box, circle or on a line         Isotherm       2 with above/below/interval       Difference temperature         Delta temperature between measurement functions or reference temperature       Manually s	Detector type	Focal Plane Array (FPA), uncooled microbolometer
Image presentation           Display         Built-in, tiltable LCD, 800 × 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           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 (+52°F to +932°F)           Accuracy         ±2°C (±3.6°F) or ±2% of reading         Measurement analysis           Spotmeter         3         Area         3 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           Isotherm         2 with above/below/interval         Difference temperature         Delta temperature be	Spectral range	7.5–13 μm
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         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       ±2°C (±3.6°F) or ±2% of reading       Measurement analysis         Spotmeter       3       Area       3 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         Isotherm       2 with above/below/interval       Delta temperature between measurement functions or reference temperature         Reference temperature       Manually set or captured	IR resolution	640 × 480 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         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       -40°C to +120°C (-40°F to +248°F)         Object temperature range       -40°C to +120°C (-40°F to +248°F)         O'C to +500°C (+32°F to +932°F)       Accuracy         Accuracy       ±2°C (±3.6°F) or ±2% of reading         Measurement analysis       Spotmeter         Spotmeter       3         Area       3 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         Difference temperature       Delta temperature between measurement functions or refe	Image presentation	
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       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       ±2°C (±3.6°F) or ±2% of reading       Measurement analysis         Spotmeter       3       Area       3 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         Isotherm       2 with above/below/interval       Delta temperature between measurement functions or reference temperature         Reference temperature       Manually set or captured from any measurement functions or reference temperature       Automatic, based on inputs for distance, atmospheric temperature and relative humidity	Display	Built-in widescreen, 5.6 in. LCD, 1024 × 600 pixels
Automatic image adjustment, type       Standard or histogram based from image content         Manual image adjustment       Level/span/max/min         Image presentation modes       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         Object temperature range       -40°C to +120°C (-40°F to +248°F) 0°C to +500°C (+32°F to +932°F)         Accuracy       ±2°C (±3.6°F) or ±2% of reading         Measurement analysis       Spotmeter         Spotmeter       3         Area       3 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/hetowinterval         Difference temperature       Delta temperature between measurement functions or reference temperature         Reference temperature       Manually set or captured from any measurement functions or reference temperature	Viewfinder	Built-in, tiltable LCD, 800 × 600 pixels
Manual image adjustment       Level/span/max/min         Image presentation modes       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         Object temperature range       -40°C to +120°C (-40°F to +248°F) O°C to +300°C (+32°F to +932°F)         Accuracy       ±2°C (±3.6°F) or ±2% of reading         Measurement analysis       Soptmeter         Spotmeter       3         Area       3 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         Difference temperature       Delta temperature between measurement functions or reference temperature         Reference temperature       Manually set or captured from any measurement functions or reference temperature         Reference temperature       Manually set or captured from any measurement functions or reference temperature	Automatic image adjustment	Continuous/manual; linear or histogram based
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       -40°C to +120°C (-40°F to +248°F) 0°C to +500°C (+32°F to +932°F)         Accuracy       ±2°C (±3.6°F) or ±2% of reading         Measurement analysis       -3         Spotmeter       3         Area       3 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         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	Automatic image adjustment, type	Standard or histogram based from image content
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       -40°C to +120°C (-40°F to +248°F) 0°C to +500°C (+32°F to +932°F)         Accuracy       ±2°C (±3.6°F) or ±2% of reading         Measurement analysis       -40°C to set score circles with max./min./average         Area       3 boxes or circles with max./min./average         Automatic hot/cold detection       Max/Init memp. value and position shown within box, circle or on a line         Isotherm       2 with above/below/interval         Difference temperature       Delta temperature from any measurement function         Atmospheric transmission correction       Automatic, based on inputs for distance, atmospheric temperature and relative humidity	Manual image adjustment	Level/span/max/min
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       -40°C to +120°C (-40°F to +248°F) 0°C to +500°C (+32°F to +932°F)         Accuracy       ±2°C (±3.6°F) or ±2% of reading         Measurement analysis       -40°C to stop or incles with max./min./average         Spotmeter       3         Area       3 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         Difference temperature       Delta temperature between measurement functions or reference temperature         Reference temperature       Manually set or captured from any measurement functions or reference temperature         Reference transmission correction       Automatic, based on inputs for distance, atmospheric temperature and relative humidity	Image presentation modes	
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       -40°C to +120°C (-40°F to +248°F) 0°C to +500°C (+32°F to +932°F)         Accuracy       ±2°C (±3.6°F) or ±2% of reading         Measurement analysis       -40°C to intervent in the intervent i	Infrared image	Full IR-image with selected color scale
on visual image       Picture in Picture       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     ±2°C (±3.6°F) or ±2% of reading       Measurement analysis       Spotmeter     3       Area     3 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       Difference temperature     Delta temperature between measurement functions or reference temperature       Reference temperature     Manually set or captured from any measurement functions or reference temperature       Atmospheric transmission correction     Automatic, based on inputs for distance, atmospheric temperature and relative humidity	Visual image	Full color visual image
Reference image       Shown together with live IR image         Measurement       -40°C to +120°C (-40°F to +248°F) 0°C to +500°C (+32°F to +932°F)         Object temperature range       -40°C to +500°C (+32°F to +932°F) 0°C to +500°C (+32°F to +932°F)         Accuracy       ±2°C (±3.6°F) or ±2% of reading         Measurement analysis	Thermal fusion	
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         ±2°C (±3.6°F) or ±2% of reading           Measurement analysis	Picture in Picture	Resizable and movable IR area on visual image
Object temperature range       -40°C to ±120°C (-40°F to ±248°F) 0°C to ±500°C (+32°F to ±932°F)         Accuracy       ±2°C (±3.6°F) or ±2% of reading         Measurement analysis       3         Spotmeter       3         Area       3 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         Difference temperature       Delta temperature between measurement functions or reference temperature         Reference temperature       Manually set or captured from any measurement functions or reference transmission correction         Atmospheric transmission correction       Automatic, based on inputs for distance, atmospheric temperature and relative humidity	Reference image	Shown together with live IR image
0°C to +500°C (+32°F to +932°F)         Accuracy       ±2°C (±3.6°F) or ±2% of reading         Measurement analysis         Spotmeter       3         Area       3 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         Difference temperature       Delta temperature between measurement functions or reference temperature         Reference temperature       Manually set or captured from any measurement functions or reference temperature         Atmospheric transmission correction       Automatic, based on inputs for distance, atmospheric temperature and relative humidity	Measurement	
Measurement analysis           Spotmeter         3           Area         3 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           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	Object temperature range	
Spotmeter     3       Area     3 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       Difference temperature     Delta temperature between measurement functions or reference temperature       Reference temperature     Manually set or captured from any measurement functions on reference temperature       Atmospheric transmission correction     Automatic, based on inputs for distance, atmospheric temperature and relative humidity	Accuracy	$\pm 2^\circ C$ (±3.6°F) or $\pm 2\%$ of reading
Area       3 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         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	Measurement analysis	
Automatic hot/cold detection       Max/Min temp. value and position shown within box, circle or on a line         Isotherm       2 with above/below/interval         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	Spotmeter	3
circle or on a line           Isotherm         2 with above/below/interval           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	Area	3 boxes or circles with max./min./average
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	Automatic hot/cold detection	
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	Isotherm	2 with above/below/interval
function           Atmospheric transmission correction         Automatic, based on inputs for distance, atmospheric temperature and relative humidity	Difference temperature	
temperature and relative humidity	Reference temperature	
Optics transmission correction Automatic, based on signals from internal sensors	Atmospheric transmission correction	
	Optics transmission correction	Automatic, based on signals from internal sensors

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	
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
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
Image equatorian-	corresponding thermal image
Voice Voice	60 accords stared with the image
Text	60 seconds stored with the image 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 streaming	
Non-radiometric IR-video streaming	MPEG-4 to PC using USB or WLAN (optional)
Digital camera	
Digital camera Built-in digital camera	3.2 Mpixel, auto focus, and video lamp
Digital camera Built-in digital camera Video lamp	
Digital camera Built-in digital camera Video lamp Laser pointer	3.2 Mpixel, auto focus, and video lamp Built-in video lamp
Digital camera Built-in digital camera Video lamp Laser pointer Laser	3.2 Mpixel, auto focus, and video lamp Built-in video lamp Activated by dedicated button
Digital camera Built-in digital camera Video lamp Laser pointer	3.2 Mpixel, auto focus, and video lamp Built-in video lamp
Digital camera Built-in digital camera Video lamp Laser pointer Laser Laser classification	3.2 Mpixel, auto focus, and video lamp Built-in video lamp Activated by dedicated button Class 2 Semiconductor AlGaInP diode laser, 1 mW, 635 nm
Digital camera Built-in digital camera Video lamp Laser pointer Laser Laser classification Laser type	3.2 Mpixel, auto focus, and video lamp Built-in video lamp Activated by dedicated button Class 2 Semiconductor AlGaInP diode laser, 1 mW, 635 nm
Digital camera Built-in digital camera Video lamp Laser pointer Laser classification Laser type Data communication interfaces	3.2 Mpixel, auto focus, and video lamp Built-in video lamp Activated by dedicated button Class 2 Semiconductor AlGaInP diode laser, 1 mW, 635 nm (red) USB-A: Connect external USB device (e.g. memory stick) USB Min-B: Data transfer to and from PC /
Digital camera Built-in digital camera Video lamp Laser pointer Laser Laser Laser classification Laser type Data communication interfaces USB	3.2 Mpixel, auto focus, and video lamp         Built-in video lamp         Activated by dedicated button         Class 2         Semiconductor AlGaInP diode laser, 1 mW, 635 nm (red)         USB-A: Connect external USB device (e.g. memory stick)         USB Mini-B: Data transfer to and from PC / streaming MPEG-4
Digital camera Built-in digital camera Video lamp Laser pointer Laser  Laser classification Laser type Data communication interfaces USB USB, standard	3.2 Mpixel, auto focus, and video lamp         Built-in video lamp         Activated by dedicated button         Class 2         Semiconductor AlGaInP diode laser, 1 mW, 635 nm (red)         • USB-A: Connect external USB device (e.g. memory stick)         • USB-A: Connect external USB device (e.g. memory stick)         • USB 1.1 Full speed (12 Mbps)         • USB-A. connector
Digital camera         Built-in digital camera         Video lamp         Laser pointer         Laser         Laser classification         Laser type         Data communication interfaces         USB         USB, standard         USB, connector type	3.2 Mpixel, auto focus, and video lamp         Built-in video lamp         Activated by dedicated button         Class 2         Semiconductor AlGaInP diode laser, 1 mW, 635 nm (red)         • USB-A: Connect external USB device (e.g. memory stick)         • USB A:: Connect external USB device (e.g. memory stick)         • USB 1.1 Full speed (12 Mbps)         • USB-A: connector
Digital camera         Built-in digital camera         Video lamp         Laser pointer         Laser         Laser classification         Laser type         Data communication interfaces         USB         USB, standard         USB, connector type         IrDA	3.2 Mpixel, auto focus, and video lamp         Built-in video lamp         Activated by dedicated button         Class 2         Semiconductor AlGaInP diode laser, 1 mW, 635 nm (red)         • USB-A: Connect external USB device (e.g. memory stick)         • USB Mini-B: Data transfer to and from PC / streaming MPEG-4         USB 1.1 Full speed (12 Mbps)         • USB Mini-B connector         • USB Mini-B connector
Digital camera         Built-in digital camera         Video lamp         Laser pointer         Laser         Laser classification         Laser type         Data communication interfaces         USB         USB, standard         USB, connector type         IrDA         SD Card	3.2 Mpixel, auto focus, and video lamp         Built-in video lamp         Activated by dedicated button         Class 2         Semiconductor AlGaInP diode laser, 1 mW, 635 nm (red)         • USB-A: Connect external USB device (e.g. memory stick)         • USB-Mini-B: Data transfer to and from PC / streaming MPEG-4         USB 1.1 Full speed (12 Mbps)         • USB Mini-B connector         • USB Mini-B connector         Infrared communications for text comments from PDA         Two card slots
Digital camera         Built-in digital camera         Video lamp         Laser pointer         Laser         Laser classification         Laser type         Data communication interfaces         USB         USB, standard         USB, connector type         IrDA         SD Card         Audio	3.2 Mpixel, auto focus, and video lamp         Built-in video lamp         Activated by dedicated button         Class 2         Semiconductor AlGaInP diode laser, 1 mW, 635 nm (red)         • USB-A: Connect external USB device (e.g. memory stick)         • USB Mini-B: Data transfer to and from PC / streaming MPEG-4         USB 1.1 Full speed (12 Mbps)         • USB-A: connector         Infrared communications for text comments from PDA         Two card slots         Headset connection for voice annotation of images
Digital camera         Built-in digital camera         Video lamp         Laser pointer         Laser         Laser classification         Laser type         Data communication interfaces         USB         USB, standard         USB, connector type         IrDA         SD Card         Audio         Audio, connector type	3.2 Mpixel, auto focus, and video lamp         Built-in video lamp         Activated by dedicated button         Class 2         Semiconductor AlGaInP diode laser, 1 mW, 635 nm (red)         • USB-A: Connect external USB device (e.g. memory stick)         • USB Mini-B: Data transfer to and from PC / streaming MPEG-4         USB 1.1 Full speed (12 Mbps)         • USB-A: connector         Infrared communications for text comments from PDA         Two card slots         Headset connection for voice annotation of images
Digital camera         Built-in digital camera         Video lamp         Laser pointer         Laser         Laser classification         Laser type         Data communication interfaces         USB         USB, standard         USB, connector type         IrDA         SD Card         Audio         Audio         Video         Video, standard	3.2 Mpixel, auto focus, and video lamp Built-in video lamp Activated by dedicated button Class 2 Semiconductor AlGaInP diode laser, 1 mW, 635 nm (red)      USB-A: Connect external USB device (e.g. memory stick)     USB Min-B: Data transfer to and from PC / streaming MPEG-4 USB 1.1 Full speed (12 Mbps)      USB-A: connector     USB-A: connector Infrared communications for text comments from PDA Two card slots Headset connection for voice annotation of images 4-pole 3.5 mm jack  Composite video output CVBS (ITU-R-BT.470 PAL/SMPTE 170M NTSC)
Digital camera         Built-in digital camera         Video lamp         Laser pointer         Laser         Laser classification         Laser type         Data communication interfaces         USB         USB, standard         USB, connector type         IrDA         SD Card         Audio, connector type         Composite video         Video, standard         Video, connector type	3.2 Mpixel, auto focus, and video lamp         Built-in video lamp         Activated by dedicated button         Class 2         Semiconductor AlGaInP diode laser, 1 mW, 635 nm (red)         • USB-A: Connect external USB device (e.g. memory stick)         • USB-A: Connect external USB device (e.g. memory stick)         • USB Min-B: Data transfer to and from PC / streaming MPEG-4         USB 1.1 Full speed (12 Mbps)         • USB Mini-B connector         Infrared communications for text comments from PDA         Two card slots         Headset connection for voice annotation of images         4-pole 3.5 mm jack         Composite video output
Digital camera         Built-in digital camera         Video lamp         Laser pointer         Laser         Laser classification         Laser type         Data communication interfaces         USB         USB, standard         USB, connector type         IrDA         SD Card         Audio, connector type         Composite video         Video, standard         Video, connector type         Power system	3.2 Mpixel, auto focus, and video lamp         Built-in video lamp         Activated by dedicated button         Class 2         Semiconductor AlGaInP diode laser, 1 mW, 635 nm (red)         • USB-A: Connect external USB device (e.g. memory stick)         • USB Mini-B: Data transfer to and from PC / streaming MPEG-4         USB 1.1 Full speed (12 Mbps)         • USB-A: connector         Infrared communications for text comments from PDA         Two card slots         Headset connection for voice annotation of images         4-pole 3.5 mm jack         Composite video output         CVBS (ITU-R-BT.470 PAL/SMPTE 170M NTSC)         Standard RCA connector
Digital camera         Built-in digital camera         Video lamp         Laser pointer         Laser         Laser classification         Laser type         Data communication interfaces         USB         USB, standard         USB, connector type         IrDA         SD Card         Audio         Audio, connector type         Composite video         Video, standard         Video, connector type         Power system         Battery type	3.2 Mpixel, auto focus, and video lamp         Built-in video lamp         Activated by dedicated button         Class 2         Semiconductor AlGaInP diode laser, 1 mW, 635 nm (red)         • USB-A: Connect external USB device (e.g. memory stick)         • USB-Mini-B: Data transfer to and from PC / streaming MPEG-4         USB 1.1 Full speed (12 Mbps)         • USB Mini-B connector         Infrared communications for text comments from PDA         Two card slots         Headset connection for voice annotation of images         4-pole 3.5 mm jack         Composite video output         CVBS (ITU-R-BT.470 PAL/SMPTE 170M NTSC)         Standard RCA connector         Rechargeable Li lon battery
Digital camera         Built-in digital camera         Video lamp         Laser pointer         Laser         Laser classification         Laser type         Data communication interfaces         USB         USB, standard         USB, connector type         IrDA         SD Card         Audio, connector type         Composite video         Video, standard         Video, connector type         Power system         Battery type         Battery voltage	3.2 Mpixel, auto focus, and video lamp         Built-in video lamp         Activated by dedicated button         Class 2         Semiconductor AlGaInP diode laser, 1 mW, 635 nm (red)         • USB-A: Connect external USB device (e.g. memory stick)         • USB Mini-B: Data transfer to and from PC / streaming MPEG-4         USB 1.1 Full speed (12 Mbps)         • USB-A: connector         • USB-Mini-B: connector         Infrared communications for text comments from PDA         Two card slots         Headset connection for voice annotation of images         4-pole 3.5 mm jack         Composite video output         CVBS (ITU-R-BT.470 PAL/SMPTE 170M NTSC)         Standard RCA connector         Rechargeable Li lon battery         7.2 V
Digital camera         Built-in digital camera         Video lamp         Laser pointer         Laser         Laser classification         Laser type         Data communication interfaces         USB         USB, standard         USB, connector type         IrDA         SD Card         Audio, connector type         Composite video         Video, standard         Video, connector type         Power system         Battery voltage         Battery capacity	3.2 Mpixel, auto focus, and video lamp         Built-in video lamp         Activated by dedicated button         Class 2         Semiconductor AlGaInP diode laser, 1 mW, 635 nm (red)         • USB-A: Connect external USB device (e.g. memory stick)         • USB Mini-B: Data transfer to and from PC / streaming MPEG-4         USB 1.1 Full speed (12 Mbps)         • USB-A connector         Infrared communications for text comments from PDA         Two card slots         Headset connection for voice annotation of images         4-pole 3.5 mm jack         Composite video output         CVBS (ITU-R-BT.470 PAL/SMPTE 170M NTSC)         Standard RCA connector         Rechargeable Li lon battery         7.2 V         4.4 Ah
Digital camera         Built-in digital camera         Video lamp         Laser pointer         Laser         Laser classification         Laser type         Data communication interfaces         USB         USB, standard         USB, connector type         IrDA         SD Card         Audio, connector type         Composite video         Video, standard         Video, connector type         Power system         Battery type         Battery voltage	3.2 Mpixel, auto focus, and video lamp         Built-in video lamp         Activated by dedicated button         Class 2         Semiconductor AlGaInP diode laser, 1 mW, 635 nm (red)         • USB-A: Connect external USB device (e.g. memory stick)         • USB Mini-B: Data transfer to and from PC / streaming MPEG-4         USB 1.1 Full speed (12 Mbps)         • USB-A: connector         • USB-Mini-B: connector         Infrared communications for text comments from PDA         Two card slots         Headset connection for voice annotation of images         4-pole 3.5 mm jack         Composite video output         CVBS (ITU-R-BT.470 PAL/SMPTE 170M NTSC)         Standard RCA connector         Rechargeable Li lon battery         7.2 V

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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 $\times$ W $\times$ H)	$282 \times 144 \times 147$ mm (11.1 $\times$ 5.7 $\times$ 5.8 in.)		
Cameras size, incl. lens (L $\times$ W $\times$ H)	299 $\times$ 144 $\times$ 147 mm (11.8 $\times$ 5.7 $\times$ 5.8 in.)		
Battery size (L $\times$ W $\times$ H)	141 × 47 × 28 mm (5.5 × 1.8 × 1.1 in.)		
Battery charger size (L $\times$ W $\times$ H)	$158 \times 122 \times 25$ mm (6.2 $\times$ 4.8 $\times$ 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<sup>™</sup> PC software CD-ROM Headset Lens cap (mounted on lens) Lens cap (2 ea.)
- .
- Mains cable
- 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

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

   • T197189 IR lens, f = 131 mm, 7°, incl. case for FLIR 600 series

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

   • T197189 IR lens f = 8 mm, 24°, incl. case for FLIR 600 series

   • T197181 IR lens f = 38 mm, 24°, incl. case for FLIR 600 series

   • T197181 FI lens f = 38 mm, 24°, incl. case for FLIR 600 series

   • T197343 Protective window (fits 24°) with case

   • T197345 High temperature option +1500°C/+2332°F

   • 1196744 High temperature option +1500°C/+2732°F

   • 1196745 Adapter, SD memory card to USB

   • T191737 Memory card micro-SD with adapters

   • 1910424 USB cable 504 A <>> Min-8, 2 m/6.6 ft.

   • 1910448 Udido cable, RCA <>> RCA, 2.0 m/6.6 ft.

   • 1910449 Video cable, RCA <>> RCA, 2.1 m/3.9 ft.

   • T197262 Hard transport case for FLIR B/P/SC6XX

   • 19104489 Headset, 3.5 mm plug

   • T197230 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, 5 user licenses
   T197778L10 FLIR BuildIR 2.1, 10 user licenses

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# **Optional Accessories**

1196683; Close-up IR lens 0.5X, f = 75 mm (fits  $24^{\circ}$  IR lens) for ThermaCAM and FLIR 600 series



This close-up optic attaches to the stand	lard 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×	
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 description

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.

Technical data		
Field of view (FOV)	12° × 9°	
Minimum focus distance	1.2 m (3.9 ft.)	
Focal length	76 mm (3.0 in.)	
Spatial resolution (IFOV)	0.33 mrad	
F-number	1.1	
Scope of delivery		
Lens     Lens case		
		v1.0

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



### General description

The 7° 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.

Field of view (FOV)	$7^{\circ} \times 5.3^{\circ}$
Minimum focus distance	3.0 m (9.8 ft.)
Focal length	131 mm (5.2 in.)
Spatial resolution (IFOV)	0.19 mrad
F-number	1.1
Weight	1.50 kg (3.30 lb.), Support 0.45 kg (0.99 lb.)
Size (L × D)	168.2 mm (6.62 in.) × 146.0 mm (5.75 in.)
Scope of delivery	
Lens	
Lens case	
<ul> <li>Mounting support</li> </ul>	

# T197189; IR lens f = 19 mm, $45^{\circ}$ , incl. case for FLIR 600 series



#### General description

This wide angle lens has a field of view almost double that of the standard 24° 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		
Lens     Lens case		
		v1.0

# 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

# T197341; Macro lens 1x (25 um) with case

General description For R&D usage or development purposes. As an example looking at PCB's or small electronic components.		
Field of view (FOV)	16 × 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	
Scope of delivery		
Lens		
Lens case		
	V	

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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

Scope of delivery

LensLens case

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)

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



#### General description

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

Up to +1500°C (+2732°F)

Technical data

Optional object temperature range

## 1196209; Battery



General description	
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
Charging time	2.5 h to 95% capacity, charging status indicated by LED's
Battery weight	0.24 kg (0.52 lb.)
Size $(L \times W \times H)$	141 × 47 × 28 mm (5.5 × 1.8 × 1.1 in.)
	v1.0

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

#### 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 $\times$ W $\times$ H) $158 \times 122 \times 25$ mm (6.2 $\times$ 4.8 $\times$ 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

•

v1.0

v1.0

v1.0

v1.0

# T910814; Power supply, incl. multi plugs



General description	
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.)
Scope of delivery	
Power supply including cable     EU plug     UK plug     UK 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 included for Windows 98SE.	al driver installation required for Windows ME, 2000 and XP. Driver
Technical data	
Weight	16 g (0.56 oz.)
Size $(L \times W \times H)$	74 × 26 × 11 mm (2.9 × 1.0 × 0.4 in.)
	vt

# T910737; Memory card micro-SD with adapters

General description		
Micro-SD Card for data storage (e.g. images)		
Technical data		
Memory card, size	2 GB	
Scope of delivery		
<ul> <li>micro-SD</li> <li>Adapter to miniSD Card</li> <li>Adapter from miniSD Card to SD memory card</li> </ul>		

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# 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

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

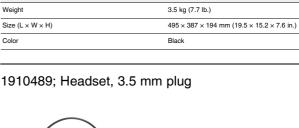


#### General description

This cable is used to transfer video signals from the infrared camera to an external monitor, or to a computer 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	
-		v1.01

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



v1.01

v1.0



v1.02

General description

Technical data

Hard transport case for FLIR B/P/SC6XX

General description Standard headset with 3.5 mm plug		
Technical data		
Audio	Headset including microphone	
Audio, connector type	4-pole 3.5 mm jack	
Scope of delivery		
Headset		
		v1.01

# T197230; Remote Control Unit

General description Remote Control Unit



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





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# **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 ink to Google™ Maps for images with GPS coordinates Fine tune images and make full temperature analysis directly in Microsoft Word Spell check
- 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
- Search functionality to quickly finding images for your fe Panorama tool for combining several images to a larger Support for GF series IR images Auto Update function Windows 7, 32 and 64-bit Support for MeterLink<sup>TM</sup> data \*.docx compatibility

#### aca notac

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	
<ul> <li>FLID Desertes Destactional</li> </ul>	

# FLIR Reporter Professional Getting Starting Guide

System requirements

Operating system

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

Windows XP, 32-bit

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



#### 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

Key features

1400 000

- 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-Picture (movable, sizable, scalable)
- Inple rusion Proture-In-Proture (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 Seal check

- 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 Jab/II data

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

#### Release notes

Version New features

Scope of delivery

- FLIR Reporter Professional
- Getting Starting Guide
   5 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

8.5 SP1

Full support for Windows® 7
 Support for MeterLink<sup>™</sup> data
 \*.docx compatibility

data

v1 01

### T197717L10; FLIR Reporter 8.5 SP1, Professional, 10 user licenses



#### 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.

Key features:

v1.01

- ٠

- 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-Picture (moxable, sizable, scalable) Rapid report manager supporting automatic report generation by drag-and-drop Trending functionality.

- Trending functionality 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 Play radiometric sequences directly in the report
- 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 MeterLink<sup>TM</sup> data \*.docx compatibility

Release notes

Version

New features

# Full support for Windows® 7 Support for MeterLink™ data \*.docx compatibility

8.5 SP1

#### Scope of delivery

- FLIR Reporter Professional
- Getting Starting Guide 10 user licenses



Operating system

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

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## 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 utilingerprotein. 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
- Possibility of assessing scope of damage/problem Customized report templates for: Air infiltration, Moisture, Insulation deficiencies, and estimation of ٠
- Panorama functionality: Create automatically one image from many to cover large objects or increase Panora • resolution Link files.
- Create graph of the conditions during the inspection. Support for MeterLink™ data

#### Release notes

Version FLIR BuildIR 2.1 Support for Windows® 7
Support for MeterLink<sup>™</sup> data
Support for fusion New features 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



#### 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

#### 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 repolitions. .
- resolution
- Link files

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Create graph of the conditions during the inspection. Support for MeterLink<sup>™</sup> data

# Release notes

Version	FLIR BuildIR 2.1
New features	Support for Windows® 7     Support for MeterLink <sup>™</sup> data     Support for fusion

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e of delivery		
LIR BuildIR user licenses		
em requirements		
ating system	Windows XP, 32-bit Windows Vista, 32-bit/64-bit	

Windows 7 32-bit/64-bit

## 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.
- 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 repolition •
- . resolution
- . Link files.
- Create graph of the conditions during the inspection.
   Support for MeterLink<sup>™</sup> data

#### Release notes

Version

New features

### Scope of delivery

FLIR BuildIR10 user licenses

#### System requirements

Operating system

v1.0

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

FLIB BuildIB 2.1

Support for Windows® 7 Support for MeterLink™ data Support for fusion

v1.0

v1.0

