

## P/N: 82507-0201

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## **Document identity**

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#### Website

http://www.flir.com

#### **Customer support**

http://support.flir.com

## Disclaimer

Specifications subject to change without further notice. Camera models and accessories subject to regional market considerations. License procedures may apply. Products described herein may be subject to US Export Regulations. Please refer to exportquestions@flir.com with any questions.



Imaging and optical data	
Infrared resolution	464 × 348 pixels
UltraMax (super-resolution)1	In FLIR Tools
NETD	<30 mK, 42° @ +30°C (+86°F)     <50 mK, 14° @ +30°C (+86°F)
Field of view	• 42° × 32° • 14° × 10°
Minimum focus distance	• 0.15 m (0.49 ft.), 42° • 1.0 m (3.28 ft.), 14°
Minimum focus distance with MSX	• 0.65 m (2.13 ft.), 42° • 1.0 m (3.28 ft.), 14°
Focal length	• 10 mm (0.39 in.), 42° • 29 mm (1.41 in.), 14°
Spatial resolution (IFOV)	1.66 mrad/pixel, 42°     0.52 mrad/pixel, 14°
Available extra lenses	24° (AutoCal)     6° (service calibration required)
Lens identification	Automatic
fnumber	• 1.1, 42° • 1.5, 14°
Image frequency	30 Hz
Focus	Continuous LDM     One-shot LDM     One-shot contrast     Manual
Field of view match	Yes
Digital zoom	1–6× continuous

1 (11) www.flir.com

<sup>1.</sup> Not supported when using macro.



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Detector data			
Focal plane array/spectral range		Uncooled microbolometer/7.5–14 µm	
Detector pitch		17 μm	
·		<b>w</b>	
Image presentation			
Resolution (display)		640 × 480 pixels	s (VGA)
Surface brightness (cd/m²)		400	
Screen size		4 in.	
Viewing angle		80°	
Color depth (bits)		24	
Aspect ratio		4:3	
Auto-rotation		Yes	
Touchscreen		Optically bonde	d PCAP
Display technology		IPS	
Cover glass material		Dragontrail®	
Programmable buttons		2	
Viewfinder		Yes	
Image adjustment		Automatic     Automatic maximum     Automatic minimum     Manual	
Image presentation modes			
Infrared image		Yes	
Visual image		Yes	
MSX		Yes	
Picture in picture		Resizable and movable	
Gallery		Yes	
Measurement			
Camera temperature range	Object temperature range		Accuracy — for ambient temperature +15 to +35°C (+59 to +95°F)
-20 to +120°C (-4 to +248°F)	−20 to +100°C (	–4 to +212°F)	±2°C (±3.6°F)
	+100 to +120°C (+212 to +248° F)		±2%
0 to +650°C (+32 to +1202°F)	0 to +100°C (+32 to +212°F)		±2°C (±3.6°F)
	+100 to + 650°C (+212 to +1202°F)		±2%
+300 to +1500°C (+572 to +2732°F)	+300 to +1500°C (+572 to +2732°F)		±2%
Measurement analysis			
Spotmeter		3 in live mode	
Area		3 in live mode	
Automatic hot/cold detection		Automatic maximum/minimum markers within area	



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Measurement analysis	
Measurement presets	<ul> <li>No measurements</li> <li>Center spot</li> <li>Hot spot</li> <li>Cold spot</li> <li>User preset 1</li> <li>User preset 2</li> </ul>
Difference temperature	Yes
Reference temperature	Yes
Emissivity correction	Yes, variable from 0.01 to 1.0 or selected from materials list
Measurement corrections	Yes
External optics/windows correction	Yes
Screening	0.5°C (0.9°F) accuracy at 37°C (98.6°F) with reference
Alarm	
Color alarm (isotherm)	Above     Below     Interval     Condensation (moisture/humidity/dewpoint)     Insulation
Measurement function alarm	Audible/visual alarms (above/below) on any selected measurement function
Set-up	
Color palettes	<ul> <li>Iron</li> <li>Gray</li> <li>Rainbow</li> <li>Arctic</li> <li>Lava</li> <li>Rainbow HC</li> </ul>
Setup commands	Local adaptation of units, language, date, and time formats
Languages	21
Service functions	
Camera software update	Use PC software FLIR Tools
Storage of images	
Storage media	Removable memory: SD card
Time lapse (Periodic image storage)	10 seconds to 24 hours (infrared)
Remote control operation	Using FLIR Tools (using USB cable) FLIR Tools Mobile (over Wi-Fi)
Image file format	Standard JPEG, measurement data included. Infrared-only mode.
Image annotations	
Voice	60 seconds with built-in microphone and speaker (and via Bluetooth) on still images and video
Text	Text from predefined list or soft keyboard on touchscreen
Visual image annotation	Yes
Image sketch	Yes: on infrared only
Sketch	From touchscreen



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METERLINK Wireless connection (Bluetooth) to: FLIR meters with METERLINK  Laser distance meter information Yes  Area measurement information Yes  GPS Location data automatically added to every still image and first frame in video from built-in GPS  Video recording in camera  Radiometric infrared-video recording RTRR (.csq)  Non-radiometric infrared-video recording H.264 to memory card  Visual video recording H.264 to memory card  Video streaming  Radiometric infrared-video streaming (compressed: IR, MSX, visual, Picture in Picture)  Visual video streaming (compressed: IR, MSX, visual, Picture in Picture)  Visual video streaming  Pessolution  S MP with LED light  Fixed  Fixed  Fixed  Fixed  Fixed  Fixed  Fixed  Fixed  Class 2, 0.05–40 m (0.16–131 ft.) ±1% of measured distance  Data communication interfaces  Interfaces  METERLINK/Bluetooth  Communication with headset and external sensors  Wi-Fi Peer to peer (ad hoc) or infrastructure (network)  MSB standard  Vise JiplayPort  USB 2.0 High Speed  Video out	Image annotations	
FLIR meters with METERLINK  Laser distance meter information Yes  Area measurement information Yes  Location data automatically added to every still image and first frame in video from built-in GPS  Video recording in camera  Radiometric infrared-video recording Non-radiometric infrared-video recording H.264 to memory card  Visual video recording H.264 to memory card  Video streaming Radiometric infrared-video streaming (compressed) Non-radiometric video streaming (compressed: IR, MSX, visual, Picture in Picture) Visual video streaming Yes  Digital camera  Resolution 5 MP with LED light Focus Fixed Fixed S3° x 41° Video lamp Built-in LED light  Laser pointer Laser alignment Position is automatically displayed on the infrared image Laser distance meter Activated by dedicated button Class 2, 0.05–40 m (0.16–131 ft.) ±1% of measured distance  Data communication interfaces Interfaces USB 2.0, Bluetooth, Wi-Fi, DisplayPort  USB USB Type-C: data transfer/video/power USB standard USB 2.0 High Speed Video out		Wireless connection (Bluetooth) to:
Area measurement information  Yes  Location data automatically added to every still image and first frame in video from built-in GPS  Video recording in camera  Radiometric infrared-video recording  RTRR (.csq)  Non-radiometric infrared-video recording  H.264 to memory card  Visual video recording  Radiometric infrared-video streaming  (compressed)  In, MSX, visual, Picture in Picture)  Visual video streaming  Over UVC  Over UVC and RTSP (Wi-Fi)  MPEG4 (AVC) over RTS	WE LENGTH	, ,
Location data automatically added to every still image and first frame in video from built-in GPS  Video recording in camera  Radiometric infrared-video recording  Non-radiometric infrared-video recording  Video streaming  Radiometric infrared-video streaming (compressed)  Non-radiometric video streaming (compressed: IR, MSX, visual, Picture in Picture)  Visual video streaming  Pogital camera  Resolution  Solve With LED light  Focus  Fixed  Solve A 41°  Video lamp  Laser pointer  Laser alignment  Laser distance meter  Activated by dedicated button  Laser  Class 2, 0.05–40 m (0.16–131 ft.) ±1% of measured distance  Data communication interfaces  Interfaces  Wi-Fi  Peer to peer (ad hoc) or infrastructure (network)  Audio  Microphone and speaker for voice annotation of images  USB 2.0 High Speed  Video out  DisplayPort	Laser distance meter information	Yes
Video recording in camera  Radiometric infrared-video recording  Non-radiometric infrared-video recording  Non-radiometric infrared-video recording  H.264 to memory card  Video streaming  Radiometric infrared-video streaming (compressed: IR, MSX, visual, Picture in Picture)  Visual video streaming  Non-radiometric video streaming (compressed: IR, MSX, visual, Picture in Picture)  Visual video streaming  Visual video streaming  Pesolution  S MP with LED light  Focus  Fixed  Fixed  S3° × 41°  Video lamp  Laser pointer  Laser alignment  Laser distance meter  Activated by dedicated button  Laser  Class 2, 0.05–40 m (0.16–131 ft.) ±1% of measured distance  Data communication interfaces  Interfaces  USB 2.0, Bluetooth, Wi-Fi, DisplayPort  Audio  Microphone and speaker for voice annotation of images  USB USB Type-C: data transfer/video/power  Video out  DisplayPort	Area measurement information	Yes
Radiometric infrared-video recording Non-radiometric infrared-video recording Visual video recording H.264 to memory card Video streaming Radiometric infrared-video streaming (compressed) Non-radiometric video streaming (compressed) Non-radiometric video streaming (compressed: IR, MSX, visual, Picture in Picture)  Non-radiometric video streaming (compressed)  Non-radiometric video streaming (compressed)  Non-radiometric video streaming (compressed: IR, MSX, visual, Picture in Picture)  Nyisual video streaming  Yes  Digital camera  Resolution 5 MP with LED light Focus Fixed Fi	GPS	
Non-radiometric infrared-video recording  Visual video recording  H.264 to memory card  H.264 to memory and part and part and part and part and part and p	Video recording in camera	
Visual video recording       H.264 to memory card         Video streaming       Over UVC         Radiometric infrared-video streaming (compressed: IR, MSX, visual, Picture in Picture)       • H.264 (AVC) over RTSP (Wi-Fi) • MPEG4 over RTSP (Wi-Fi) • MPEG4 over RTSP (Wi-Fi) • MJPEG over UVC and RTSP (Wi-	Radiometric infrared-video recording	RTRR (.csq)
Video streaming Radiometric infrared-video streaming (compressed: IR, MSX, visual, Picture in Picture)  Visual video streaming Pigital camera Resolution Focus Field of view Video lamp Built-in LED light Laser pointer Laser alignment Passer Laser distance meter Laser Class 2, 0.05–40 m (0.16–131 ft.) ±1% of measured distance  Data communication interfaces Interfaces USB 2.0, Bluetooth, Wi-Fi, DisplayPort  METERLINK/Bluetooth Activated by deel and external sensors Wi-Fi Peer to peer (ad hoc) or infrastructure (network) Audio  Wideo out DisplayPort USB standard Video out DisplayPort  DisplayPort	Non-radiometric infrared-video recording	H.264 to memory card
Radiometric infrared-video streaming (compressed: IR, MSX, visual, Picture in Picture)  Non-radiometric video streaming (compressed: IR, MSX, visual, Picture in Picture)  Pigital camera  Resolution  Focus  Field of view  Video lamp  Laser pointer  Laser alignment  Laser alignment  Laser  Data communication interfaces  Interfaces  Interfaces  Interfaces  Wi-Fi  METERLiNK/Bluetooth  Communication with headset and external sensors  Wi-Fi  Peer to peer (ad hoc) or infrastructure (network)  MISB standard  Video out  Video view Cover RTSP (Wi-Fi)  H. H. 264 (AVC) over RTSP (Wi-Fi)  H. 264 (AVC) over RTSP (Wi-Fi)  H. H. METEG over UVC and RTSP (Wi-Fi)  H. 264 (AVC) over RTSP (Wi-Fi)  H. METER (AVC) over RTSP (Wi-Fi)  H. 264 (AVC) over RTSP (Wi-Fi)  H. METER (AVC) over RTSP (Wi-Fi)  H. 264 (AVC) over RTSP (Wi-Fi)  H. Meter (Avc) over RTSP (Wi-Fi)  H. 264 (AVC) over RTSP (Wi-Fi)  H. All 264 (AVC)  H. All 264	Visual video recording	H.264 to memory card
(compressed)  Non-radiometric video streaming (compressed: IR, MSX, visual, Picture in Picture)  Pigital camera  Resolution  Focus  Field of view  Video lamp  Laser pointer  Laser distance meter  Laser distance meter  Laser  Data communication interfaces  Interfaces  Interfaces  Interfaces  Wi-Fi  METERLiNK/Bluetooth  METERLiNK/Bluetooth  Meters and speaker for voice annotation of images  USB 2.0 High Speed  Video out  USB 2.0 High Speed  Video out  USB 2.0 High Speed  Video out  DisplayPort	Video streaming	
IR, MSX, visual, Picture in Picture)  PH-264 (AVC) Over HTSP (Wi-Fi) MJPEG over RTSP (Wi-Fi) MJPEG over UVC and RTSP (Wi-Fi)  MJPEG over UVC and RTSP (Wi-Fi)  MJPEG over UVC and RTSP (Wi-Fi)  MJPEG over UVC and RTSP (Wi-Fi)  MJPEG over UVC and RTSP (Wi-Fi)  MJPEG over UVC and RTSP (Wi-Fi)  MJPEG over UVC and RTSP (Wi-Fi)  MJPEG over UVC and RTSP (Wi-Fi)  MJPEG over UVC and RTSP (Wi-Fi)  MJPEG over UVC and RTSP (Wi-Fi)  MJPEG over UVC and RTSP (Wi-Fi)  MJPEG over UVC and RTS		Over UVC
Digital camera  Resolution 5 MP with LED light  Focus Fixed  Field of view 53° × 41°  Video lamp Built-in LED light  Laser pointer  Laser alignment Position is automatically displayed on the infrared image image  Laser distance meter Activated by dedicated button  Laser Class 2, 0.05–40 m (0.16–131 ft.) ±1% of measured distance  Data communication interfaces  Interfaces USB 2.0, Bluetooth, Wi-Fi, DisplayPort  METERLiNK/Bluetooth Communication with headset and external sensors  Wi-Fi Peer to peer (ad hoc) or infrastructure (network)  Audio Microphone and speaker for voice annotation of images  USB USB Type-C: data transfer/video/power  USB standard USB 2.0 High Speed  Video out DisplayPort	• • • • • • • • • • • • • • • • • • • •	MPEG4 over RTSP (Wi-Fi)
Resolution 5 MP with LED light  Focus Fixed  Field of view 53° × 41°  Video lamp Built-in LED light  Laser pointer  Laser alignment Position is automatically displayed on the infrared image  Laser distance meter Activated by dedicated button  Laser Class 2, 0.05–40 m (0.16–131 ft.) ±1% of measured distance  Data communication interfaces  Interfaces USB 2.0, Bluetooth, Wi-Fi, DisplayPort  METERLINK/Bluetooth Communication with headset and external sensors  Wi-Fi Peer to peer (ad hoc) or infrastructure (network)  Audio Microphone and speaker for voice annotation of images  USB USB Type-C: data transfer/video/power  USB standard USB 2.0 High Speed  Video out DisplayPort	Visual video streaming	Yes
Focus Fixed Field of view 53° × 41° Video lamp Built-in LED light  Laser pointer Laser alignment Position is automatically displayed on the infrared image Laser distance meter Activated by dedicated button  Laser Class 2, 0.05–40 m (0.16–131 ft.) ±1% of measured distance  Data communication interfaces Interfaces USB 2.0, Bluetooth, Wi-Fi, DisplayPort  METERLiNK/Bluetooth Communication with headset and external sensors  Wi-Fi Peer to peer (ad hoc) or infrastructure (network)  Audio Microphone and speaker for voice annotation of images  USB Type-C: data transfer/video/power  USB standard USB 2.0 High Speed  Video out DisplayPort	Digital camera	
Field of view Video lamp Built-in LED light  Laser pointer  Laser alignment Position is automatically displayed on the infrared image  Laser distance meter Activated by dedicated button  Laser Class 2, 0.05–40 m (0.16–131 ft.) ±1% of measured distance  Data communication interfaces Interfaces USB 2.0, Bluetooth, Wi-Fi, DisplayPort  METERLiNK/Bluetooth Communication with headset and external sensors  Wi-Fi Peer to peer (ad hoc) or infrastructure (network)  Audio Microphone and speaker for voice annotation of images  USB Type-C: data transfer/video/power  USB standard USB 2.0 High Speed  Video out DisplayPort	Resolution	5 MP with LED light
Video lamp  Built-in LED light  Laser pointer  Laser alignment  Position is automatically displayed on the infrared image  Laser distance meter  Activated by dedicated button  Class 2, 0.05–40 m (0.16–131 ft.) ±1% of measured distance  Data communication interfaces  Interfaces  USB 2.0, Bluetooth, Wi-Fi, DisplayPort  METERLiNK/Bluetooth  Communication with headset and external sensors  Wi-Fi  Peer to peer (ad hoc) or infrastructure (network)  Audio  Microphone and speaker for voice annotation of images  USB Type-C: data transfer/video/power  USB standard  USB 2.0 High Speed  Video out  DisplayPort	Focus	Fixed
Laser pointer  Laser alignment Position is automatically displayed on the infrared image  Laser distance meter Activated by dedicated button  Laser Class 2, 0.05–40 m (0.16–131 ft.) ±1% of measured distance  Data communication interfaces  Interfaces USB 2.0, Bluetooth, Wi-Fi, DisplayPort  METERLiNK/Bluetooth Communication with headset and external sensors  Wi-Fi Peer to peer (ad hoc) or infrastructure (network)  Audio Microphone and speaker for voice annotation of images  USB Type-C: data transfer/video/power  USB standard USB 2.0 High Speed  Video out DisplayPort	Field of view	53° × 41°
Laser alignment  Position is automatically displayed on the infrared image  Laser distance meter  Activated by dedicated button  Class 2, 0.05–40 m (0.16–131 ft.) ±1% of measured distance  Interfaces  Interfaces  USB 2.0, Bluetooth, Wi-Fi, DisplayPort  METERLiNK/Bluetooth  Communication with headset and external sensors  Wi-Fi  Peer to peer (ad hoc) or infrastructure (network)  Audio  Microphone and speaker for voice annotation of images  USB Type-C: data transfer/video/power  USB standard  USB 2.0 High Speed  Video out  DisplayPort	Video lamp	Built-in LED light
Laser distance meter  Activated by dedicated button  Class 2, 0.05–40 m (0.16–131 ft.) ±1% of measured distance  Data communication interfaces  Interfaces  USB 2.0, Bluetooth, Wi-Fi, DisplayPort  METERLiNK/Bluetooth  Communication with headset and external sensors  Wi-Fi  Peer to peer (ad hoc) or infrastructure (network)  Audio  Microphone and speaker for voice annotation of images  USB Type-C: data transfer/video/power  USB standard  USB 2.0 High Speed  Video out	Laser pointer	
Laser  Class 2, 0.05–40 m (0.16–131 ft.) ±1% of measured distance  Data communication interfaces  Interfaces  USB 2.0, Bluetooth, Wi-Fi, DisplayPort  Communication with headset and external sensors  Wi-Fi  Peer to peer (ad hoc) or infrastructure (network)  Audio  Microphone and speaker for voice annotation of images  USB Type-C: data transfer/video/power  USB standard  USB 2.0 High Speed  Video out  DisplayPort	Laser alignment	Position is automatically displayed on the infrared image
measured distance       Data communication interfaces       Interfaces     USB 2.0, Bluetooth, Wi-Fi, DisplayPort       METERLiNK/Bluetooth     Communication with headset and external sensors       Wi-Fi     Peer to peer (ad hoc) or infrastructure (network)       Audio     Microphone and speaker for voice annotation of images       USB     USB Type-C: data transfer/video/power       USB standard     USB 2.0 High Speed       Video out     DisplayPort	Laser distance meter	Activated by dedicated button
Interfaces  USB 2.0, Bluetooth, Wi-Fi, DisplayPort  Communication with headset and external sensors  Wi-Fi  Peer to peer (ad hoc) or infrastructure (network)  Audio  Microphone and speaker for voice annotation of images  USB  USB Type-C: data transfer/video/power  USB standard  USB 2.0 High Speed  Video out  DisplayPort	Laser	
METERLiNK/Bluetooth  Communication with headset and external sensors  Wi-Fi  Peer to peer (ad hoc) or infrastructure (network)  Audio  Microphone and speaker for voice annotation of images  USB Type-C: data transfer/video/power  USB standard  USB 2.0 High Speed  Video out  DisplayPort	Data communication interfaces	
sensors  Wi-Fi Peer to peer (ad hoc) or infrastructure (network)  Audio Microphone and speaker for voice annotation of images  USB USB Type-C: data transfer/video/power  USB standard USB 2.0 High Speed  Video out DisplayPort	Interfaces	USB 2.0, Bluetooth, Wi-Fi, DisplayPort
Audio Microphone and speaker for voice annotation of images  USB USB Type-C: data transfer/video/power  USB standard USB 2.0 High Speed  Video out DisplayPort	METERLiNK/Bluetooth	
USB Type-C: data transfer/video/power USB standard USB 2.0 High Speed Video out DisplayPort	Wi-Fi	Peer to peer (ad hoc) or infrastructure (network)
USB standard USB 2.0 High Speed  Video out DisplayPort	Audio	· ·
Video out DisplayPort	USB	USB Type-C: data transfer/video/power
. ,	USB standard	USB 2.0 High Speed
Video connector type	Video out	DisplayPort
DisplayFort over O3D Type-O	Video connector type	DisplayPort over USB Type-C



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Radio	1
Operating frequency	Bluetooth + EDR/LE: 2402–2480 MHz
Operating frequency	WLAN 2.4 GHz: 2412–2462 MHz
	WLAN 5 GHz: 5150–5350 MHz (DFS: only slave mode)
	Note that frequency band 5150–5350 MHz is for indoor use only, see national regulations.
RF output (EIRP)	Bluetooth + EDR/LE: < 10 dBm
	WLAN: < 17 dBm
Antenna	Integrated PIFA antenna (gain: maximum 1.4 dBi)
Power system	
Battery type	Rechargeable Li-ion battery
Battery voltage	3.6 V
Battery operating time	> 4 hours at 25°C (68°F) with typical use
Charging system	In camera (AC adapter or 12 V from a vehicle) or two-bay charger
Charging time (using two-bay charger)	3.5 h to 90% capacity, on-screen indicator
Charging temperature	0°C to +45°C (+32°F to +113°F), except for the Korean market: +10°C to +45°C (+50°F to +113°F)
External power operation	AC adapter 90–260 V AC (50/60 Hz) or 12 V from a vehicle (cable with standard plug, optional)
Power management	Automatic shut-down and sleep mode
Environmental data	
Operating temperature range	-15 to +50°C (5-122°F)
Storage temperature range	-40 to +70°C (-40 to 158°F)
Humidity (operating and storage)	IEC 60068-2-30/24 hours, 95% relative humidity, 25–40°C (77–104°F)/2 cycles
EMC	<ul> <li>ETSI EN 301 489-1 (radio)</li> <li>ETSI EN 301 489-17</li> <li>EN 61000-6-2 (immunity)</li> <li>EN 61000-6-3 (emission)</li> <li>FCC 47 CFR Part 15 Class B (emission)</li> </ul>
Radio spectrum	<ul><li>ETSI EN 300 228</li><li>FCC Part 15.249</li><li>RSS-247 Issue 2</li></ul>
Encapsulation	IP 54 (IEC 60529)
Shock	25g (IEC 60068-2-27)
Vibration	2g (IEC 60068-2-6)
Safety	EN/UL/CSA/PSE 60950-1
Physical data	
Weight (including battery)	1.4 kg (3.1 lb.)
Size (L × W × H)	<ul> <li>Lens vertical: 150.5 × 201.3 × 84.1 mm (5.9 × 7.9 × 3.3 in.)</li> <li>Lens horisontal: 150.5 × 201.3 × 167.3 mm (5.9 × 7.9 × 6.6 in.)</li> </ul>
Battery weight	195 g (6.89 oz.)
Battery size $(L \times W \times H)$	$59 \times 66 \times 94 \text{ mm} (2.3 \times 2.6 \times 3.7 \text{ in.})$

# **\$FLIR**®

## FLIR T840 42° + 14°

## P/N: 82507-0201

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Physical data	
Housing material	PCABS with TPE, magnesium
Color	Black
Warranty and service	
Warranty	http://www.flir.com/warranty/
Shipping information	
Packaging, type	Cardboard box
Packaging, contents	Accessory box I:     Power supply for battery charger     Power supply, 15 W/3 A     Printed documentation     SD card (8 GB)     USB 2.0 A to USB Type-C cable     USB Type-C to HDMI and PD adapter     USB Type-C to USB Type-C cable (USB 2.0 standard)  Accessory box II:     Lens cap strap     Lens cleaning cloth     Neck strap     Small eyecup  Battery (2 ea) Battery charger Extra lens, 14° Hard transport case Infrared camera with lens Lens cap, front Lens cap, front and rear (only for extra lenses)
Packaging, size	500 × 190 × 370 mm (19.7 × 7.5 × 14.6 in.)
EAN-13	4743254004191
UPC-12	845188019020
Country of origin	Estonia

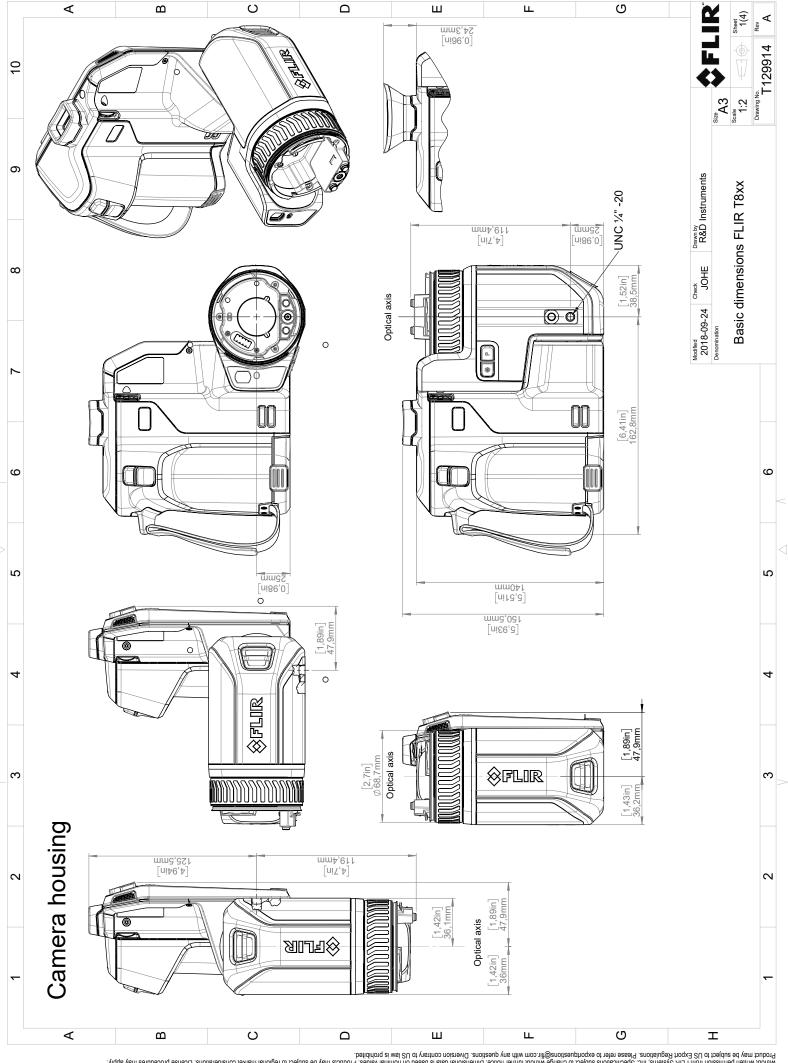
## Supplies & accessories:

- T130337ACC; Calibration target
- T199588; Lens 14° + case
- T199589; Lens 24° + case
- T199590; Lens 42° + case
- T300095; Lens 6° with case
- T911630ACC; Power supply for camera, 15 W/3 A
- T911631ACC; USB 2.0 A to USB Type-C cable, 0.9  $\mbox{m}$
- T911633ACC; Power supply for battery charger
- T911705ACC; USB Type-C to USB Type-C cable (USB 2.0 standard), 1.0 m
- T911706ACC; Car adapter 12 V
- T911845ACC; USB Type-C to HDMI and PD adapter
- T911846ACC; USB 2.0 A to USB Type-C with Power supply
- T199300ACC; Battery
- T199610; Battery charger
- T199347ACC; Hard transport case
- T199609; Option, Macro mode 71/103  $\mu m$  for 24°
- T300030; Option, No radio
- T198495; Pouch
- T197771ACC; Bluetooth Headset
- T198583; FLIR Tools+ (download card incl. license key)
- T198696; FLIR ResearchIR Max 4 (hardware sec. dev.)
- T199013; FLIR ResearchIR Max 4 (printed license key)



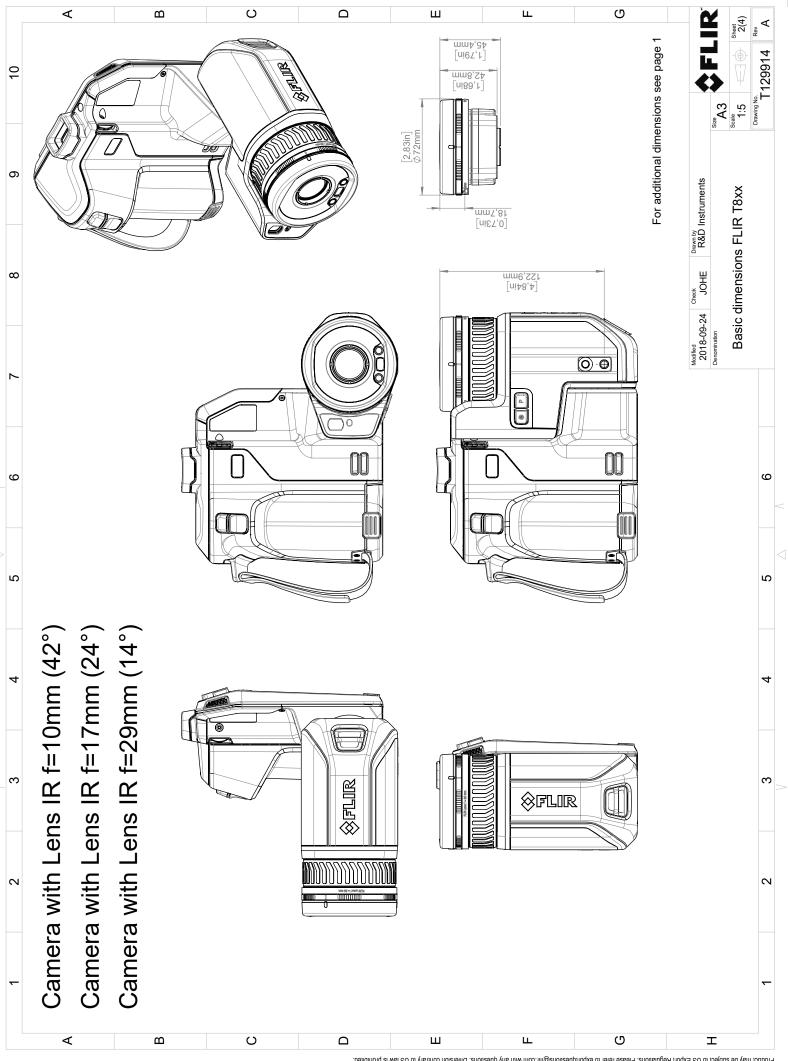
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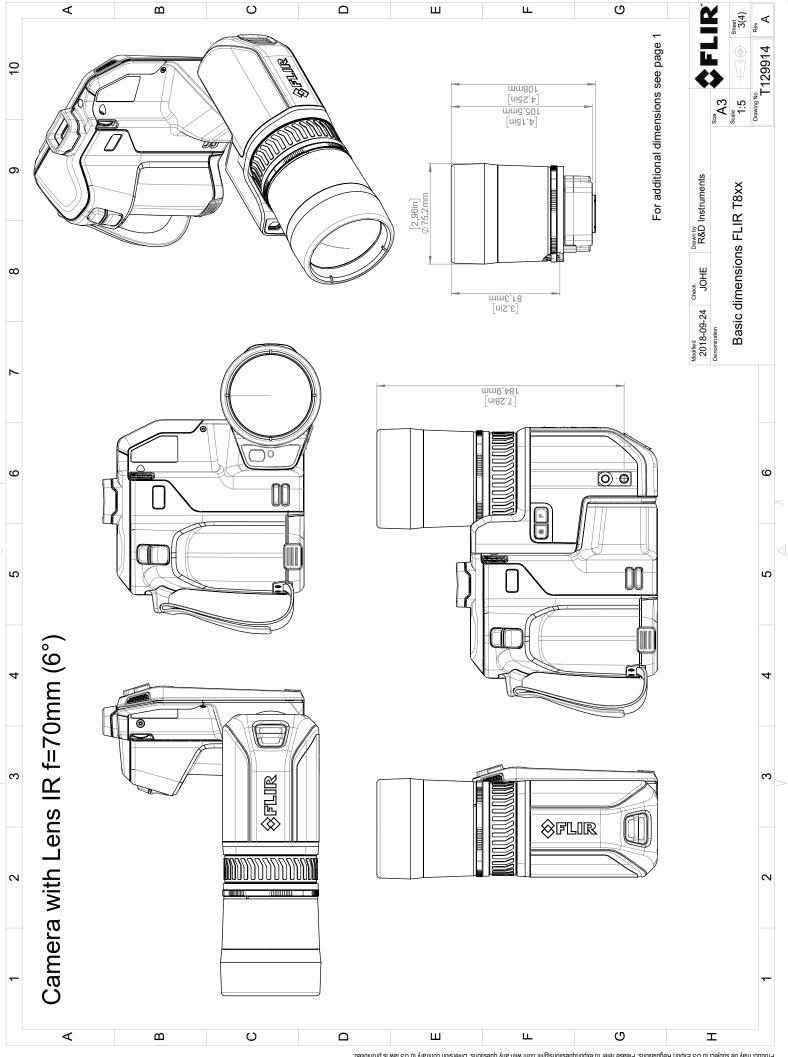
• T199043; FLIR ResearchIR Max 4 Upgrade (printed license key)



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February 2, 2019

Täby, Sweden

AQ320246

## CE Declaration of Conformity – EU Declaration of Conformity

Product: FLIR T5XX-, T8XX- and GF7X-series Name and address of the manufacturer: FLIR Systems AB PO Box 7376 SE-187 15 Täby, Sweden

This declaration of conformity is issued under the sole responsibility of the manufacturer. The object of the declaration: FLIR T5XX-, T8XX- and GF7X-series (Product Model Name FLIR-T8210). The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

Directive	2012/19/EU	Waste electrical and electric equipment
Directive	2014/53/EU	Radio Equipment Directive (RED)
Directive	1999/519/EC	Limitation of exposure to electromagnetic fields (SAR)
Directive	2011/65/EU	RoHS and 2015/830/EU

#### Standards:

Stalldalds.		
EMC Radio:	ETSI EN 301 489-1 + -17	EMC for radio, broadband data transmission
Emission:	EN 61000-6-3/A1:2011	EMC – Generic standards
Immunity:	EN 61000-6-2:2005	Electromagnetic Compability Generic
	EN 301489-1:2016 v2.1.0	ERM – EMC for radio equipment
	EN 301489-17:2012 v2.2.1	ERM – EMC Wideband data
Laser:	EN 60825-1	Safety of laser products
Radio:	ETSI EN 300 328 v2.1.1	Harmonized EN covering essential
		requirements of the R&TTE Directive
	ETSI EN 301 893 v.2.1.1	5GHz WLAN
	EN 303 413 v1.1.0	Radio Spectrum Efficiency (gps)
SAR:	EN 50566:2013/AC:2014	Handheld and body mounted wireless

SAR:

EN 50566:2013/AC:2014

EN 62209-02:2010

Safety:

IEC 60950-1:2005+A1:2009+ A2:2013 EN 60950-1:2006+

A11:2009+AC:2011+A12:2011

RoHS:

EN 50581:2012

Technical documentation

Handheld and body mounted wireless

Information technology equipment

**FLIR Systems AB Quality Assurance** 

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