

P/N: 82503-0201

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Document identity

Publ. No.: 82503-0201 Commit: 59470 Language:

Modified: 2019-09-10 Formatted: 2019-09-10

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	Yes
NETD	<30 mK @ +30°C (+86°F)
Field of view	42° × 32°
Minimum focus distance	0.15 m (0.49 ft.)
Minimum focus distance with MSX	0.65 m (2.13 ft.)
Focal length	10 mm (0.39 in.)
Spatial resolution (IFOV)	1.66 mrad/pixel
Available extra lenses	24° (AutoCal) 14° (AutoCal) 6° (service calibration required)
Lens identification	Automatic
f number	1.1
Image frequency	30 Hz
Focus	Continuous LDM One-shot LDM One-shot contrast Manual
Field of view match	Yes
Digital zoom	1–6× continuous
Detector data	
Focal plane array/spectral range	Uncooled microbolometer/7.5–14 μm
Detector pitch	17 μm

^{1.} Not supported when using macro.

1 (11) www.flir.com



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Image presentation	T
Resolution (display)	640 × 480 pixels (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 bonded 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	 No measurements Center spot Hot spot Cold spot User preset 1 User preset 2
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	Iron Gray Rainbow Arctic Lava Rainbow HC
Setup commands	Local adaptation of units, language, date, and time formats
Languages	21
Service functions	
Camera software update	Using USB cable or SD card
Storage of images	
Storage media	Removable memory: SD card
Time lapse (Periodic image storage)	10 seconds to 24 hours (infrared)
Remote control operation	Using USB cable or 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



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Image sketch Yes: on infrared only Sketch From touchscreen METERLINK Wireless connection (Bluetooth) to: FLIR meters with METERLINK Laser distance meter information Yes GPS Location data automatically added to every still image and first frame in video from built-in GPS Video recording in camera Location data automatically added to every still image and first frame in video from built-in GPS Video recording in camera RTRR (.csq) Non-radiometric infrared-video recording H.264 to memory card Visual video recording H.264 to memory card Video streaming Over UVC Compressed: IR, MSX, visual, Picture in Picture) - H.264 (AVC) over RTSP (Wi-Fi) Visual video streaming (compressed: IR, MSX, visual, Picture in Picture) - H.264 (AVC) over RTSP (Wi-Fi) Visual video streaming Yes Digital camera - H.264 (AVC) over RTSP (Wi-Fi) Resolution 5 MP with LED light Focus Fixed Fised Fixed Field of view 53° × 41° Video lamp Built-in LED light Laser pointer Laser pointer La		
Sketch From touchscreen METERLINK Wireless connection (Bluetooth) to: FLIR meters with METERLINK Laser distance meter 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 Video streaming 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 Focus Fixed Fixed Fixed Field of view Video lamp Built-in LED light Laser pointer Laser alignment Laser distance meter Activated by dedicated button Laser Data communication interfaces Interfaces USB 2.0, Bluetooth, Wi-Fi, DisplayPort USB 2.0 High Speed Video out USB 2.0 High Speed Video out	Image annotations	
METERLINK Wireless connection (Bluetooth) to: FLIR meters with METERLINK Laser distance meter information Yes Area measurement 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 Video streaming 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 Pisted over RTSP (Wi-Fi) MIPEG over UVC and RTSP (Wi-Fi) MI	Image sketch	Yes: on infrared only
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 Video streaming Video streaming Grompressed: IR, MSX, visual, Picture in Picture) Visual video streaming (compressed: IR, MSX, visual, Picture in Picture) Visual video streaming Fixed Digital camera Resolution SMP 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 Data communication interfaces Interfaces USB 2.0, Bluetooth, Wi-Fi, DisplayPort Peer to peer (ad hoc) or infrastructure (network) Microphone and speaker for voice annotation of images USB USB 10 High Speed Video out DisplayPort	Sketch	From touchscreen
Laser distance meter information Area measurement information 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 Non-radiometric infrared-video recording H.264 to memory card H.264 to memory card H.264 to memory card Video streaming Radiometric infrared-video streaming (compressed: IR, MSX, visual, Picture in Picture) Visual video streaming Position is automatically displayed on the infrared picture in Pictur	METERLINK	Wireless connection (Bluetooth) to:
Area measurement information 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 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) Poligital camera Resolution SMP with LED light Focus Fixed Field of view 53° x 41° Video lamp Built-in LED light Laser pointer 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 Microphone and speaker for voice annotation of images USB Type-C: data transfer/video/power Video out USB 2.0 High Speed Video out		FLIR meters with METERLINK
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 Video streaming Radiometric infrared-video streaming (compressed: IR, MSX, visual, Picture in Picture) Video streaming Rediometric video streaming (compressed: IR, MSX, visual, Picture in Picture) Visual video streaming Ves Digital camera Resolution ShP with LED light Focus Fixed Field of view S3° x 41° Video lamp Built-in LED light Laser pointer Laser distance meter Activated by dedicated button Laser Laser distance meter Laser distance meter 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 Microphone and speaker for voice annotation of images USB USB Type-C: data transfer/video/power UsB 2.0 High Speed Video out DisplayPort	Laser distance meter information	ļ · · · ·
Video recording in camera Radiometric infrared-video recording Non-radiometric infrared-video recording Visual video recording RTRR (.csq) Non-radiometric infrared-video recording H.264 to memory card Visual video recording Video streaming Radiometric infrared-video streaming (compressed) Non-radiometric video streaming (compressed: IR, MSX, visual, Picture in Picture) Visual video streaming Visual video streaming Visual video streaming Ves Polytical camera Resolution S MP with LED light Focus Fixed Video lamp Built-in LED light Laser pointer Laser alignment Laser distance meter 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 Wi-Fi Peer to peer (ad hoc) or infrastructure (network) Audio Wise surples of the surples of the speed Video out DisplayPort Vise 0, 20 High Speed Video out DisplayPort		1
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: IR, MSX, visual, Picture in Picture) Visual video streaming Visual video streaming Ves Digital camera Resolution Focus Fixed Fixed Field of view Fixed Field of view S3° x 41° Video lamp Built-in LED light Laser pointer Laser alignment Laser alignment Laser USB 2, 0.05–40 m (0.16–131 ft.) ±1% of measured distance METERLINK/Bluetooth Communication with headset and external sensors Wi-Fi Peer to peer (ad hoc) or infrastructure (network) Audio Microphone and speaker USB 2.0 High Speed Video lout Video view on the infraster/video/power USB standard Video out DisplayPort	GPS	
Non-radiometric infrared-video recording Visual video recording H.264 to memory card Visual video streaming Radiometric infrared-video streaming (compressed: IR, MSX, visual, Picture in Picture) 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 Field of view 53° 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 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 Video out DisplayPort	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) Non-radiometric video streaming (compressed: IR, MSX, visual, Picture in Picture) + H.264 (AVC) over RTSP (Wi-Fi) Visual video streaming Yes Digital camera - MPEG4 over UVC and RTSP (Wi-Fi) Resolution 5 MP with LED light Focus Fixed Field of view 53° x 41° Video lamp Built-in LED light 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 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 standard USB 2.0 High Speed Video out DisplayPort	Radiometric infrared-video recording	RTRR (.csq)
Video streaming	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) Visual video streaming Yes Digital camera Resolution 5 MP with LED light Focus Fixed Field of view 53° 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 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 USB 3, OHigh Speed Video out DisplayPort	Visual video recording	H.264 to memory card
Compressed Non-radiometric video streaming (compressed: IR, MSX, visual, Picture in Picture)	Video streaming	
IR, MSX, visual, Picture in Picture) PHEGA over RTSP (Wi-Fi) MPEGA over UVC and RTSP (Wi-Fi) MPEGA ov		Over UVC
Digital camera 5 MP with LED light Focus Fixed Field of view 53° × 41° Video lamp Built-in LED light Laser pointer Position is automatically displayed on the infrared image Laser alignment Activated by dedicated button Laser Class 2, 0.05–40 m (0.16–131 ft.) ±1% of measured distance Data communication 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 Type-C: data transfer/video/power 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 1ype-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 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 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	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 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 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	Video lamp	Built-in LED light
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	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 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	Laser alignment	
measured distance Data communication 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 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	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 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	
images 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 DisplayPort over USB Type-C	Video out	DisplayPort
	Video connector type	DisplayPort over USB Type-C



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Radio	
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	 ETSI EN 301 489-1 (radio) ETSI EN 301 489-17 EN 61000-6-2 (immunity) EN 61000-6-3 (emission) FCC 47 CFR Part 15 Class B (emission)
Radio spectrum	 ETSI EN 300 228 FCC Part 15.249 RSS-247 Issue 2
Encapsulation	IP 54 (IEC 60529)
Shock	25g (IEC 60068-2-27)
Vibration	2g (IEC 60068-2-6)
Safety	EN/UL/CSA/PSE 60950-1

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FLIR T840 42°

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Physical data	
Weight (including battery)	1.4 kg (3.1 lb.)
Size (L × W × H)	 Lens vertical: 150.5 × 201.3 × 84.1 mm (5.9 × 7.9 × 3.3 in.) Lens horisontal: 150.5 × 201.3 × 167.3 mm (5.9 × 7.9 × 6.6 in.)
Battery weight	195 g (6.89 oz.)
Battery size (L × W × H)	59 × 66 × 94 mm (2.3 × 2.6 × 3.7 in.)
Tripod mounting	UNC 1/4"-20
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 FLIR Tools+ license card Hard transport case Infrared camera with lens Lens cap, front Lens cap, front and rear (only for extra lenses)
Packaging, weight	5.9 kg (13.0 lb.)
Packaging, size	500 × 190 × 370 mm (19.7 × 7.5 × 14.6 in.)
EAN-13	7332558025130
UPC-12	845188019013
Country of origin	Sweden

Supplies & accessories:

- T199300ACC; Battery
- T199610; Battery charger
- T199347ACC; Hard transport case
- T300030; Option, No radio
- T130531ACC; Large eyecup
- T300188; Hand strap and neck strap

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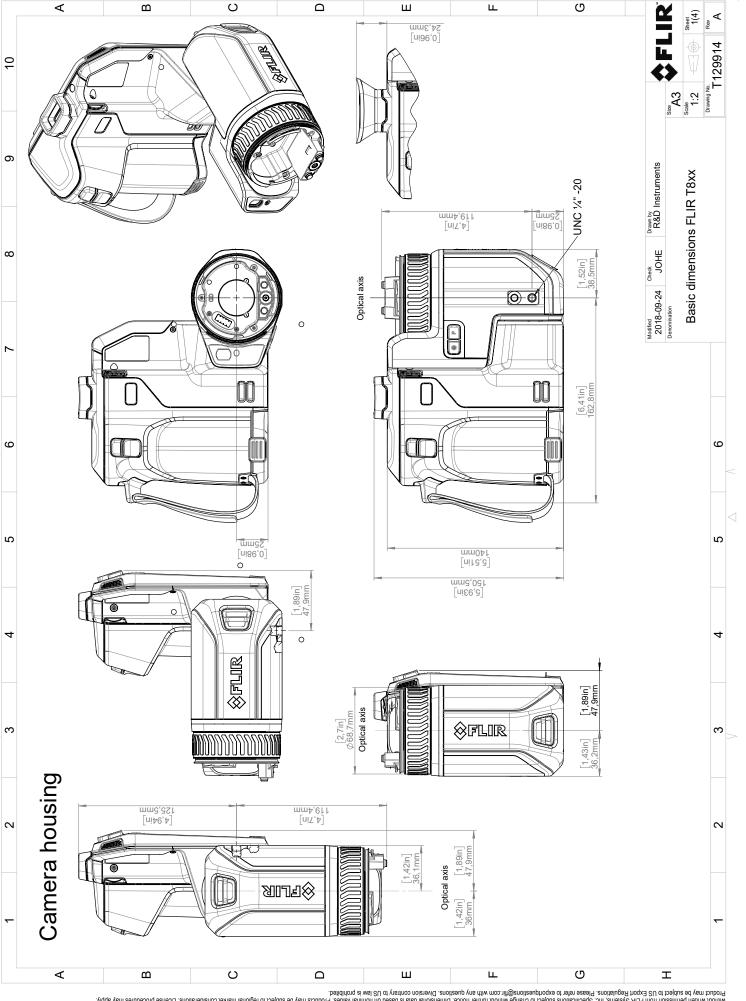
FLIR T840 42°

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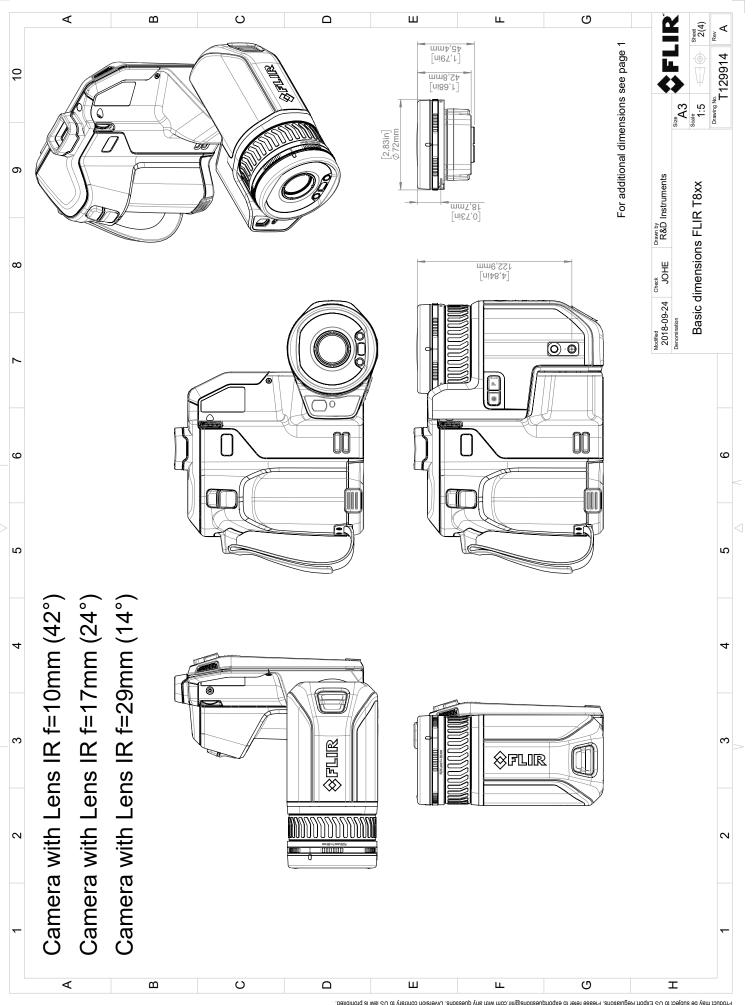
- T199609; Option, Macro mode 71/103 µm for 24°
- T850105; FLIR Inspection Route Camera Option
- T130337ACC; Calibration target
- T199588; Lens 14° + case
- T199589; Lens 24° + case
- T199590; Lens 42° + case
- T300095; Lens 6° with case
- T911630ACC; Power supply for camera, 15 W/3 A
- T911631ACC; USB 2.0 A to USB Type-C cable, 0.9 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
- T198495; Pouch
- T197771ACC; Bluetooth Headset
- T300244; FLIR Route Creator Plugin for FLIR Thermal Studio Pro, 1 Year Subscription
- T300243; FLIR Thermal Studio Pro, 1 Year Subscription
- T300083; FLIR Thermal Studio Pro, Perpetual license
- T198583; FLIR Tools+ (download card incl. license key)
- T198696; FLIR ResearchIR Max 4 (hardware sec. dev.)
- T199013; FLIR ResearchIR Max 4 (printed license key)
- T199043; FLIR ResearchIR Max 4 Upgrade (printed license key)
- INST-EW-0155; Extended Warranty 1 Year for A3xxf, T540, T600/bx, T610, T840, T860
- INST-EWGM-0165; Premium Service Package for T540, T600/bx, T610, T840, T860
- INST-GM-0150; General Maintenance Package for T540, T6xx, T840, T860

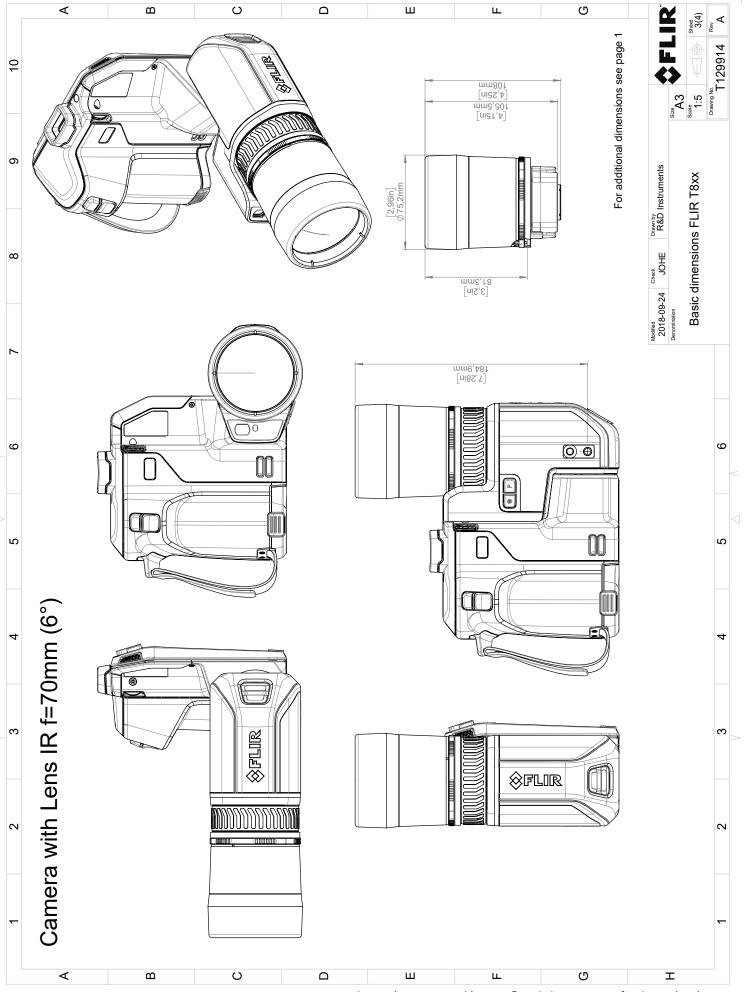
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February 2, 2019

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:

Directives:

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:

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
Lacor	EN 6002E 1	Cafateraflasson

Laser:

SAR:

Safety:

RoHS:

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)

EN 50566:2013/AC:2014

EN 62209-02:2010

EN 50581:2012

Handheld and body mounted wireless Handheld and body mounted wireless

IEC 60950-1:2005+A1:2009+

A2:2013 EN 60950-1:2006+

Information technology equipment

A11:2009+AC:2011+A12:2011

Technical documentation

FLIR Systems AB Quality Assurance

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