

P/N: 79302-0201

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Document identity

Publ. No.: 79302-0201 Commit: 70866 Language: Modified: 2020-10-08

Modified: 2020-10-08 Formatted: 2020-10-08

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	<40 mK @ +30°C (+86°F)	
Field of view	24° × 18°	
Minimum focus distance	 0.15 m (0.49 ft.) Macro mode 71 μm as option 	
Minimum focus distance with MSX	0.5 m (1.64 ft.)	
Focal length	17 mm (0.67 in.)	
Spatial resolution (IFOV)	0.90 mrad/pixel	
Available extra lenses	 42° (AutoCal) 14° (AutoCal) 6° (service calibration required) 	
Lens identification	Automatic	
f number	1.3	
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	
Image presentation		
Resolution	640 × 480 pixels (VGA)	
Surface brightness (cd/m²)	400	

^{1.} Not supported when using macro.

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FLIR T540 24°

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Image presentation	
Screen size	4 in.
Viewing angle	80°
Color depth (bits)	24
Aspect ratio	4:3
Auto-rotation	Yes Option Hubbanded BOAR
Touchscreen	Optically bonded PCAP
Display technology	IPS
Cover glass material	Dragontrail®
Programmable buttons	2
Viewfinder	No
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	 -20 to 120°C (-4 to 248°F) 0 to 650°C (32 to 1202°F) 300 to 1500°C (572 to 2732°F)
Object temperature range and accuracy (for ambient temp. 15 to 35°C (59 to 95°F)	 Range -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% Range 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% Range 300 to 1500°C (572 to 2732°F): ±2%
Screening mode	
Sampling average mode	Recommended temperature range: 30 to 45°C (86 to 113°F) in stable room temperature Accuracy (drift): ±0.3°C (±0.5°F)²
Inspection mode	
FLIR Inspection route	Enabled in the camera
Measurement analysis	
Spotmeter	3 in live mode
Area	3 in live mode
Automatic hot/cold detection	Automatic maximum/minimum markers within area

^{2.} No external blackbody needed.



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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
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
Image sketch	Yes: on infrared only
Sketch	From touchscreen
METERLINK	Wireless connection (Bluetooth) to: FLIR meters with METERLiNK



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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 video streaming (compressed: IR, MSX, visual, Picture in Picture) Visual video streaming (compressed: IR, MSX, visual, Picture in Picture) Visual video streaming Ves Digital camera Resolution 5 MP with LED light Focus Fixed Fixed Field of view 53° x 41° Video lamp Built-in LED light Laser alignment Laser distance meter Laser distance meter Laser 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) Microphone and speaker for voice annotation of images USB USB Type-C: data transfer/video/power Video out DisplayPort	Image annotations	
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 Visual video streaming (compressed: IR, MSX, visual, Picture in Picture) Visual video streaming Visual video ver RTSP (Wi-Fi)	Area measurement information	Yes
Radiometric infrared-video recording Non-radiometric infrared-video recording H.264 to memory card Visual 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) 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 Sensors Wi-Fi Peer to peer (ad hoc) or infrastructure (network) Audio Microphone and speaker for voice annotation of images USB 109 High Speed	GPS	
Non-radiometric infrared-video recording H.264 to memory card Visual video recording H.264 to memory card H.264 to memory card Video streaming Radiometric infrared-video streaming (compressed: IR, MSX, visual, Picture in Picture) Non-radiometric video streaming (compressed: IR, MSX, visual, Picture in Picture) Pigital camera Pesolution SMP with LED light Focus Fixed Fixed Field of view 53° x 41° Video lamp Built-in LED light Laser alignment Position is automatically displayed on the infrared image Laser distance meter Laser 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) Audio Microphone and speaker for voice annotation of images USB 2.0 High Speed	Video recording in camera	
Visual video recording H.264 to memory card Video streaming Radiometric infrared-video streaming (compressed: IR, MSX, visual, Picture in Picture) Pigital camera Resolution Focus Fixed Field of view Video lamp Laser pointer Laser distance meter Laser Data communication interfaces Interfaces METERLiNK/Bluetooth MIL264 to memory card H.264 (AVC) over RTSP (Wi-Fi) H.26	Radiometric infrared-video recording	RTRR (.csq)
Video streaming Radiometric infrared-video streaming (compressed: IR, MSX, visual, Picture in Picture) Pigital camera Resolution Focus Fixed Field of view Video lamp Built-in LED light Laser pointer Laser alignment 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 Audio Microphone and speaker for voice annotation of images USB 199-C: data transfer/video/power USB 190-C AND FIXED USB 2.0 High Speed	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 Fixed Fixed Field of view Video lamp Built-in LED light Laser alignment Laser alignment Laser distance meter Laser alistance meter Laser Data communication interfaces Interfaces USB 2.0, Bluetooth, Wi-Fi, DisplayPort METERLiNK/Bluetooth Microphone and speaker for voice annotation of images USB USB 10, High Speed USB Type-C: data transfer/video/power USB Standard Video ly over RTSP (Wi-Fi) H. H. 264 (AVC) over RTSP (Wi-Fi) H. M. PEG4 over RTSP (Wi-Fi) H. M. PE4 (AVC) over RTSP (Wi-F	Visual video recording	H.264 to memory card
Non-radiometric video streaming (compressed: IR, MSX, visual, Picture in Picture)	Video streaming	
IR, MSX, visual, Picture in Picture) WPEG4 over RTSP (Wi-Fi) MPEG4 over RTSP (Wi-Fi) MJPEG over UVC and RTSP (William) MJPEG over UVC and RTSP (W	· ·	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 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 10 High Speed		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 10 High Speed	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 1.0 High Speed	Digital camera	
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 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 108 USB Type-C: data transfer/video/power USB 2.0 High Speed	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 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	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	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 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 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	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	Laser alignment	1 .
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	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 USB Type-C: data transfer/video/power USB standard USB 2.0 High Speed	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 USB Type-C: data transfer/video/power USB standard USB 2.0 High Speed	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	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	METERLiNK/Bluetooth	
images USB Type-C: data transfer/video/power USB standard USB 2.0 High Speed	Wi-Fi	Peer to peer (ad hoc) or infrastructure (network)
USB standard USB 2.0 High Speed	Audio	
	USB	USB Type-C: data transfer/video/power
Video out DisplayPort	USB standard	USB 2.0 High Speed
	Video out	DisplayPort
Video connector type DisplayPort over USB Type-C		



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Bluetooth + EDR/LE: 2402–2480 MHz
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.
Bluetooth + EDR/LE: < 10 dBm
WLAN: < 17 dBm
Integrated PIFA antenna (gain: maximum 1.4 dBi)
Rechargeable Li-ion battery
3.6 V
> 4 hours at 25°C (77°F) with typical use
In camera (AC adapter or 12 V from a vehicle) or two-bay charger
3.5 h to 90% capacity, on-screen indicator
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)
AC adapter 90–260 V AC (50/60 Hz) or 12 V from a vehicle (cable with standard plug, optional)
Automatic shut-down and sleep mode
-15 to +50°C (5-122°F)
-40 to +70°C (-40 to 158°F)
IEC 60068-2-30/24 hours, 95% relative humidity, 25–40°C (77–104°F)/2 cycles
 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)
 ETSI EN 301 489-17 EN 61000-6-2 (immunity) EN 61000-6-3 (emission)
 ETSI EN 301 489-17 EN 61000-6-2 (immunity) EN 61000-6-3 (emission) FCC 47 CFR Part 15 Class B (emission) ETSI EN 300 228 FCC Part 15.249
 ETSI EN 301 489-17 EN 61000-6-2 (immunity) EN 61000-6-3 (emission) FCC 47 CFR Part 15 Class B (emission) ETSI EN 300 228 FCC Part 15.249 RSS-247 Issue 2
 ETSI EN 301 489-17 EN 61000-6-2 (immunity) EN 61000-6-3 (emission) FCC 47 CFR Part 15 Class B (emission) ETSI EN 300 228 FCC Part 15.249 RSS-247 Issue 2 IP 54 (IEC 60529)
 ETSI EN 301 489-17 EN 61000-6-2 (immunity) EN 61000-6-3 (emission) FCC 47 CFR Part 15 Class B (emission) ETSI EN 300 228 FCC Part 15.249 RSS-247 Issue 2 IP 54 (IEC 60529) 25g (IEC 60068-2-27)
 ETSI EN 301 489-17 EN 61000-6-2 (immunity) EN 61000-6-3 (emission) FCC 47 CFR Part 15 Class B (emission) ETSI EN 300 228 FCC Part 15.249 RSS-247 Issue 2 IP 54 (IEC 60529) 25g (IEC 60068-2-27) 2g (IEC 60068-2-6)
 ETSI EN 301 489-17 EN 61000-6-2 (immunity) EN 61000-6-3 (emission) FCC 47 CFR Part 15 Class B (emission) ETSI EN 300 228 FCC Part 15.249 RSS-247 Issue 2 IP 54 (IEC 60529) 25g (IEC 60068-2-27) 2g (IEC 60068-2-6)
 ETSI EN 301 489-17 EN 61000-6-2 (immunity) EN 61000-6-3 (emission) FCC 47 CFR Part 15 Class B (emission) ETSI EN 300 228 FCC Part 15.249 RSS-247 Issue 2 IP 54 (IEC 60529) 25g (IEC 60068-2-27) 2g (IEC 60068-2-6) EN/UL/CSA/PSE 60950-1
 ETSI EN 301 489-17 EN 61000-6-2 (immunity) EN 61000-6-3 (emission) FCC 47 CFR Part 15 Class B (emission) ETSI EN 300 228 FCC Part 15.249 RSS-247 Issue 2 IP 54 (IEC 60529) 25g (IEC 60068-2-27) 2g (IEC 60068-2-6) EN/UL/CSA/PSE 60950-1 1.3 kg (2.9 lb.) Lens vertical: 140 × 201.3 × 84.1 mm (5.5 × 7.9 × 3.3 in.) Lens horisontal: 140 × 201.3 × 167.3 mm (5.5
 ETSI EN 301 489-17 EN 61000-6-2 (immunity) EN 61000-6-3 (emission) FCC 47 CFR Part 15 Class B (emission) ETSI EN 300 228 FCC Part 15.249 RSS-247 Issue 2 IP 54 (IEC 60529) 25g (IEC 60068-2-27) 2g (IEC 60068-2-6) EN/UL/CSA/PSE 60950-1 1.3 kg (2.9 lb.) Lens vertical: 140 × 201.3 × 84.1 mm (5.5 × 7.9 × 3.3 in.) Lens horisontal: 140 × 201.3 × 167.3 mm (5.5 × 7.9 × 6.6 in.)

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FLIR T540 24°

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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 Battery (2 ea) Battery (2 ea) Battery charger Hard transport case Infrared camera with lens Lens cap, front Lens cap, front Lens cap, front and rear (only for extra lenses) License card: FLIR Thermal Studio Pro (3 month subscription) + FLIR Route Creator Plugin for Thermal Studio Pro (3 month subscription)	
Packaging, weight	5.8 kg (12.8 lb.)	
Packaging, size	500 × 190 × 370 mm (19.7 × 7.5 × 14.6 in.)	
EAN-13	7332558012970	
UPC-12	845188014667	
Country of origin	Sweden	

Supplies and accessories:

- T300238; Macro lens 2.0x with case
- 1196862ACC; Lens case for Exx, T5xx, and T8xx lenses
- T131171ACC; Remote operation button
- T199300ACC; Battery
- T199347ACC; Hard transport case for FLIR T8xx, T5xx, and GF7x series
- T199601; Hand strap and neck strap
- T199610; Battery charger
- T300030; Option, No radio
- T911997; Tripod
- T911998; HDMI 2-port video splitter
- T300369; Mounting kit (FLIR T5xx, T8xx, Exx)
- T300344; EST Camera kit (FLIR Exx/T5xx/T8xx)
- T850105; FLIR Inspection Route Camera Option
- T850112; Option, Auto-screening
- T850111; Option, Dual streaming
- T199609; Option, Macro mode 50/71/101 μm for 24°
- T130337ACC; Calibration target
- T199588; IR lens, f=29 mm (14°) with case
- T199589; IR lens, f=17 mm (24°) with case

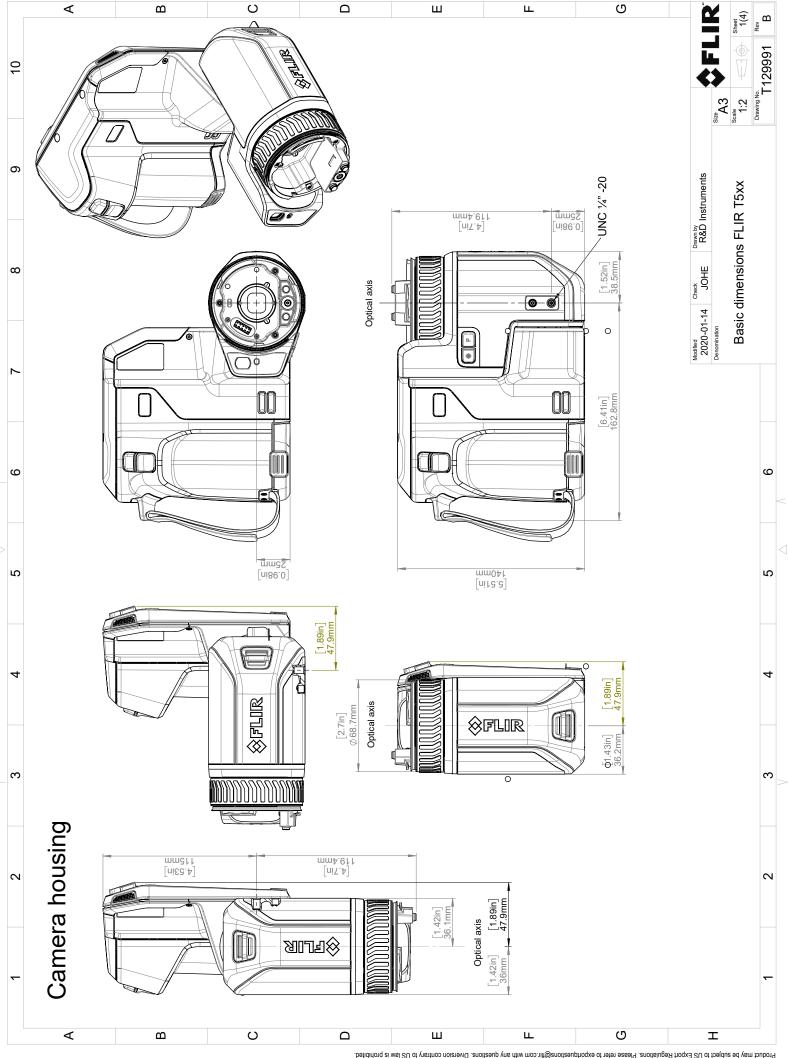
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FLIR T540 24°

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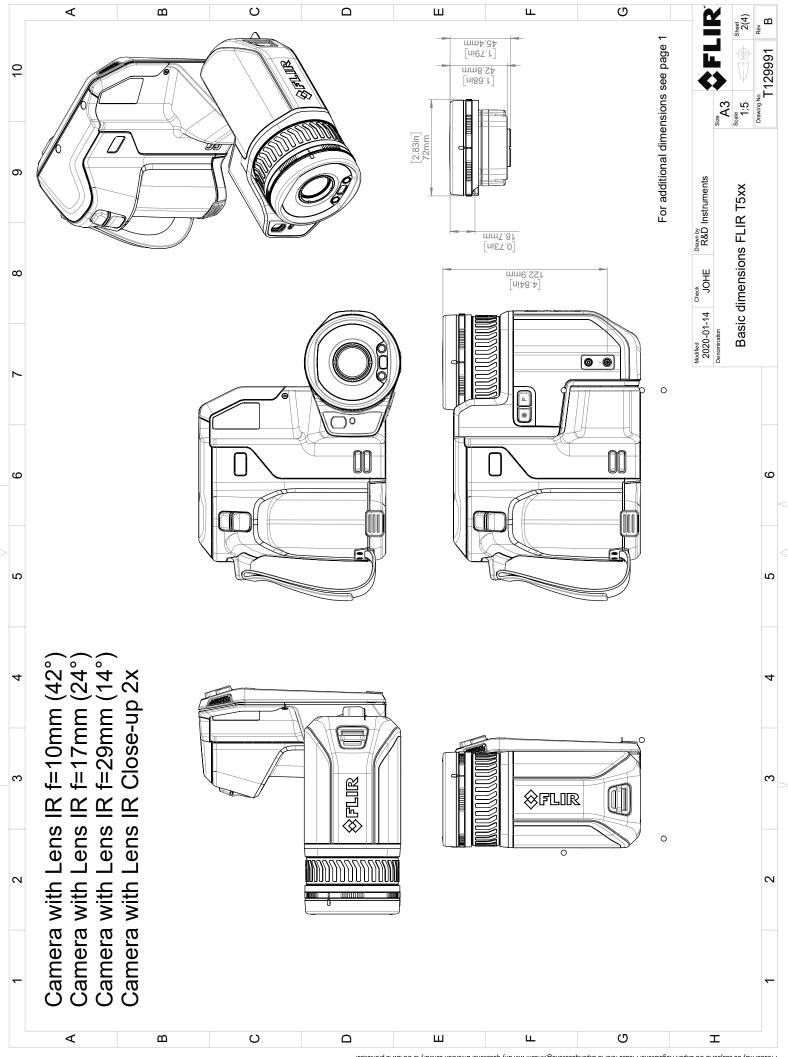
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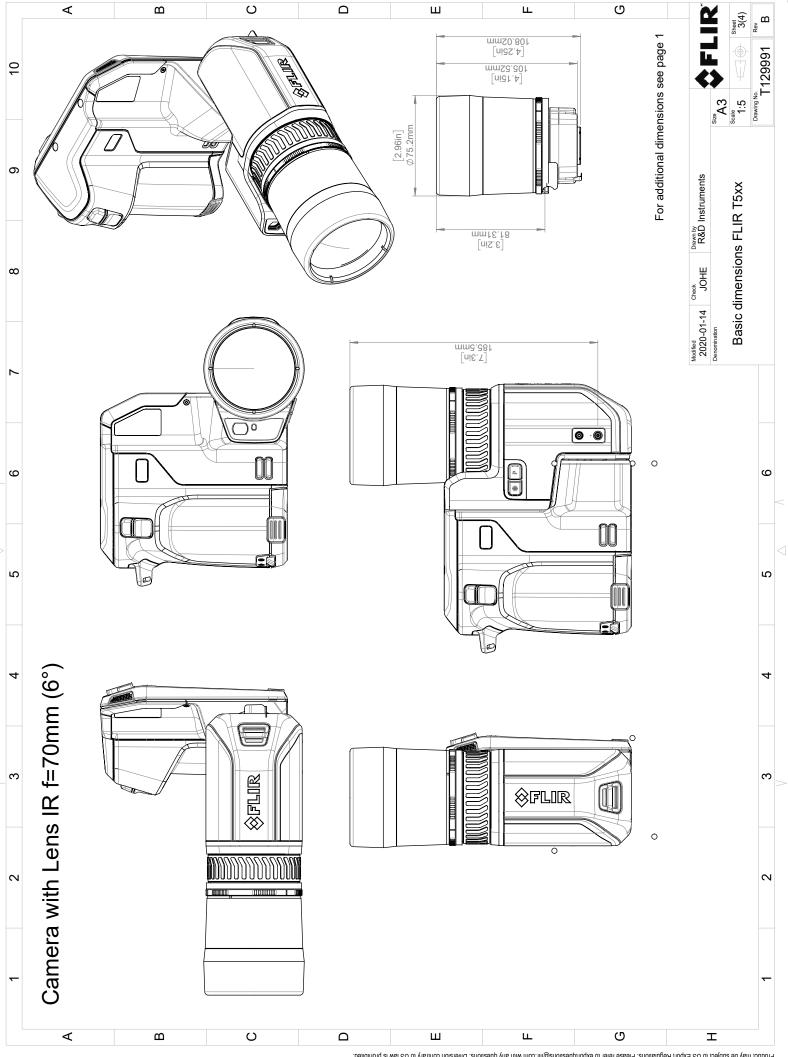
- T199590; IR lens, f=10 mm (42°) with case
- T300095; IR lens, f=70 mm (6°) with case
- T911630ACC; Power supply for camera, 15 W/3 A
- T911631ACC; USB 2.0 A to USB Type-C cable, 0.9 m
- T911633ACC; Power supply for battery charger
- T911705ACC; USB Type-C to USB Type-C cable (USB 2.0 standard), 1.0 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
- T300342; FLIR Screen EST, Perpetual license
- T300243; FLIR Thermal Studio Pro, 1 Year Subscription
- T300083; FLIR Thermal Studio Pro, Perpetual license
- T300341; FLIR Thermal Studio Standard, 1 Year Subscription
- T300258; FLIR Thermal Studio Standard, 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)
- 4220499: FLIR Research Studio 1 Year Subscription (online activation)
- 4220500; FLIR Research Studio Perpetual License (online activation)
- 4220646; FLIR Research Studio Perpetual License (USB dongle)
- 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:

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

Lea Dabiri

Quality Manager