

## P/N: 89205-0201

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### **Document identity**

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### Website

http://www.flir.com

#### **Customer support**

http://support.flir.com

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Imaging and optical data	
Infrared resolution	640 × 480 pixels
UltraMax (super-resolution)1	Yes
NETD	• <30 mK, 42° @ +30°C (+86°F) • <40 mK, 24° @ +30°C (+86°F)
Field of view	• 42° × 32° • 24° × 18°
Minimum focus distance	<ul> <li>0.15 m (0.49 ft.), 42°</li> <li>0.15 m (0.49 ft.), 24°</li> <li>Macro mode 50 μm as option, 24°</li> </ul>
Minimum focus distance with MSX	0.65 m (2.13 ft.), 42°     0.5 m (1.64 ft.), 24°
Focal length	• 10 mm (0.39 in.), 42° • 17 mm (0.67 in.), 24°
Spatial resolution (IFOV)	1.2 mrad/pixel, 42°     0.7 mrad/pixel, 24°
Available extra lenses	14° (AutoCal)     6° (service calibration required)
Lens identification	Automatic
f number	• 1.1, 42° • 1.3, 24°
Image frequency	30 Hz
Focus	Continuous LDM     One-shot LDM     One-shot contrast     Manual
Field of view match	Yes
Digital zoom	1–8× continuous

<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	12 μm
Image presentation	
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	-40 to 120°C (-40 to 248°F)     0 to 650°C (32 to 1202°F)     300 to 2000°C (572 to 3632°F)
Object temperature range and accuracy (for ambient temp. 15 to 35°C (59 to 95°F)	Range -40 to 120°C (-40 to 248°F):  -40 to 5°C (-40 to 41°F): ±2°C (±3.6°F)  5 to 100°C (41 to 212°F): ±1°C (±1.8°F)  100 to 120°C (212 to 248°F): ±1%  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 2000°C (572 to 3632°F): ±2%*

## \*) For 42° lens; accuracy is $\pm 3\%$ in the range 1800 to 2000°C.

Inspection mode	
FLIR Inspection route	Enabled in the camera
Measurement analysis	
Spotmeter	10 in live mode
Area	5 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
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>Arctic</li> <li>White hot</li> <li>Black hot</li> <li>Iron</li> <li>Lava</li> <li>Rainbow</li> <li>Rainbow HC</li> </ul>
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
Laser distance meter information	Yes
	•



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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  RTRR (.csq)  Non-radiometric infrared-video recording  H.264 to memory card  Visual video recording  Radiometric infrared-video streaming  (compressed)  Video streaming  Radiometric infrared-video streaming (compressed: IR, MSX, visual, Picture in Picture)  Visual video streaming  Visual video streaming  Over UVC  ** H.264 (AVC) over RTSP (Wi-Fi)  ** MJPEG over UVC and	Image annotations	1
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 Radiometric infrared-video streaming (compressed) Non-radiometric video streaming (compressed: IR, MSX, visual, Picture in Picture)  Visual video streaming Visual video streaming Radiometric video streaming (compressed: IR, MSX, visual, Picture in Picture)  Visual video streaming Ves  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  Microphone and speaker for voice annotation of images USB USB Type-C: data transfer/video/power USB standard Video out DisplayPort		Voc
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)  Non-radiometric video streaming (compressed: IR, MSX, visual, Picture in Picture)  Non-radiometric video streaming Ves  Pigital camera  Resolution  S MP with LED light Focus Fixed 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  Audio Microphone and speaker for voice annotation of images USB tandard Video out DisplayPort		Location data automatically added to every still
Non-radiometric infrared-video recording  Visual video recording  H.264 to memory card  Video streaming  Radiometric infrared-video streaming (compressed: IR, MSX, visual, Picture in Picture)  Political camera  Resolution  Fixed  Fixed  Fixed  Fixed  Fixed  Fixed  Fixed  Fixed  Focus  Fixed  Fixed  Fixed  Found  Found  Found  Found  Found  Found  Found  Fixed  Fix	Video recording in camera	
Visual video recording  Wideo streaming Radiometric infrared-video streaming (compressed: IR, MSX, visual, Picture in Picture)  Pigital camera Resolution Focus Field of view Video lamp  Built-in LED light Laser alignment Laser Laser Laser Class 2, 0.05–40 m (0.16–131 ft.) ±1% of measured distance  Data communication interfaces Interfaces Wi-Fi METERLiNK/Bluetooth Audio Microphone and speaker for voice annotation of images USB standard Video luxy USB standard Video out DisplayPort  Ver UVC  Ver UVC  Over UVC  H. 264 (AVC) over RTSP (Wi-Fi)  H. 264 (AVC) over RTSP (Wince)  H. 264 (AVC) over RTSP (Wi-Fi)  H. 264 (AVC) over RTSP (Wi-F	Radiometric infrared-video recording	RTRR (.csq)
Radiometric infrared-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  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  Video out  DisplayPort	Non-radiometric infrared-video recording	H.264 to memory card
Radiometric infrared-video streaming (compressed)  Non-radiometric video streaming (compressed: IR, MSX, visual, Picture in Picture)  Pigital camera  Resolution  Fixed  F	Visual video recording	H.264 to memory card
(compressed)  Non-radiometric video streaming (compressed: IR, MSX, visual, Picture in Picture)  Pigital camera  Resolution  Focus  Fixed  Field of view  Video lamp  Built-in LED light  Laser alignment  Laser distance meter  Laser  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  MiFP  Audio  Microphone and speaker for voice annotation of images  USB 2.0 High Speed  USB 2.0 High Speed  Video out  DisplayPort	Video streaming	
IR, MSX, visual, Picture in Picture)  PREGA over RTSP (Wi-Fi) MPEGA over UVC and RTSP (Wi-Fi) MPEGA over RTSP (Wi-Fi) MPEGA over RTSP (Wi-Fi) MPIEGA over RTSP (Wi-Fi) MPEGA over RTSP (Wi-Fi) MPEGA over RTSP (Wi-Fi) MPEGA over UVC and RTSP (Winch and Selection and Sele		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 19Pe-C: data transfer/video/power  USB standard USB 2.0 High Speed  Video out	Non-radiometric video streaming (compressed: IR, MSX, visual, Picture in Picture)	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 198 USB Type-C: data transfer/video/power  USB standard USB 2.0 High Speed  Video out DisplayPort	Visual video streaming	Yes
Fixed Field of view  Fixed  Soa' × 41°  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  USB 2.0 High Speed  Video out	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 Type-C: data transfer/video/power  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	Focus	Fixed
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	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 out	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  DisplayPort	Laser pointer	
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       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 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 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 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
	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 (77°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 B, class B (emission)
Radio spectrum	<ul> <li>ETSI EN 300 328</li> <li>ETSI EN 301 893</li> <li>FCC 47 CFR part 15 C</li> <li>FCC 47 CFR part 15 E</li> </ul>
Encapsulation	IP 54 (IEC 60529)
Shock	25g (IEC 60068-2-27)
Vibration	2g (IEC 60068-2-6)
Safety	Camera:
	IEC/EN 60950-1, IEC/EN 62368-1
	Power supply:
	IEC/EN 62368-1     CSA/UL/KC/SAA/PSE 60950-1

# **\$FLIR**®

## **FLIR T865 24° + 42°**

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Physical data	
Weight (including battery)	1.4 kg (3.1 lb.)
Size (L × W × H)	<ul> <li>Lens vertical: 164.3 × 201.3 × 84.1 mm (6.5 × 7.9 × 3.3 in.)</li> <li>Lens horisontal: 164.3 × 201.3 × 167.3 mm (6.5 × 7.9 × 6.6 in.)</li> </ul>
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     Extra lens, 42°     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)
Packaging, weight	6.3 kg (13.9 lb.)
Packaging, size	$500 \times 190 \times 370 \text{ mm} (19.7 \times 7.5 \times 14.6 \text{ in.})$
EAN-13	7332558027356
UPC-12	845188023423
Country of origin	Sweden

## Supplies & accessories:

- T131171ACC; Remote operation button
- T199300ACC; Battery
- T199347ACC; Hard transport case for FLIR T8xx, T5xx, and GF7x series
- T199610; Battery charger
- T300030; Option, No radio
- T911997; Tripod
- T911998; HDMI 2-port video splitter

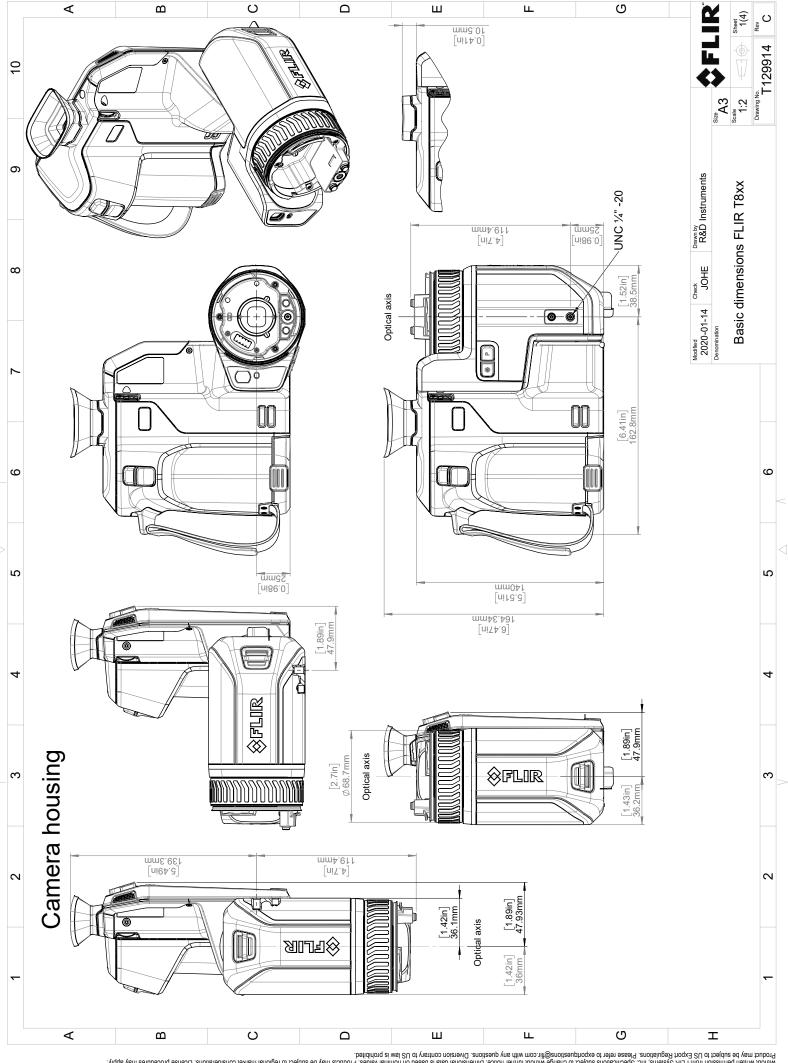
# **\$FLIR**°

## **FLIR T865 24° + 42°**

#### P/N: 89205-0201

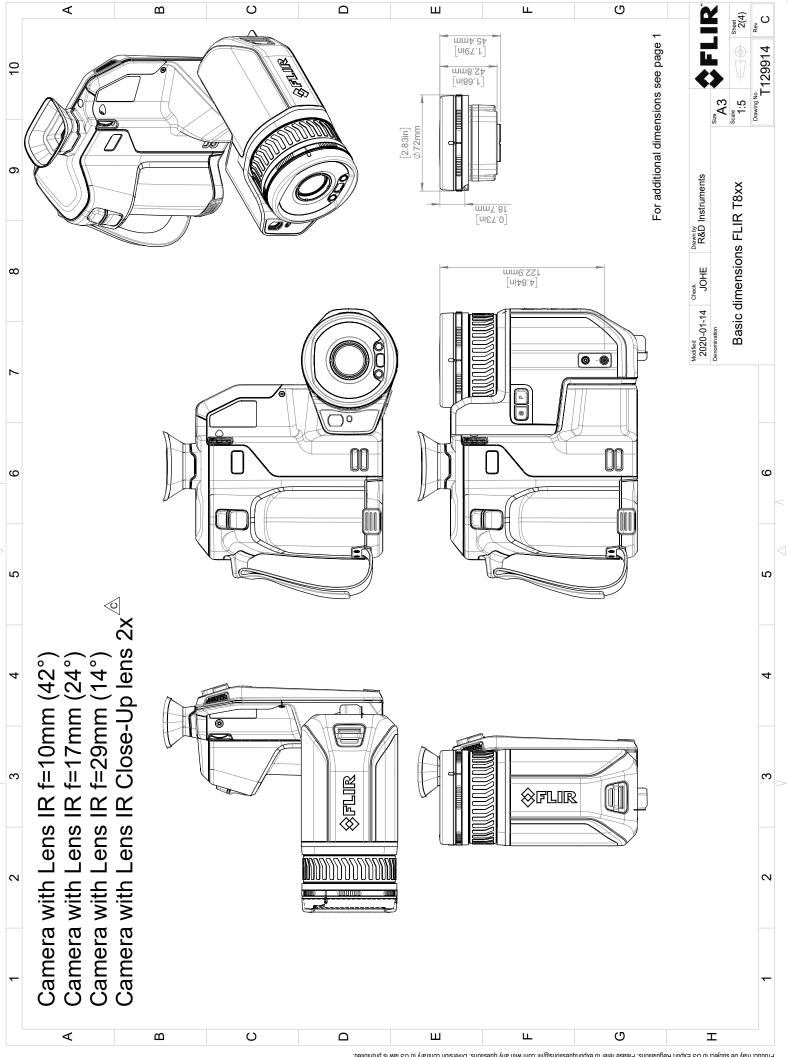
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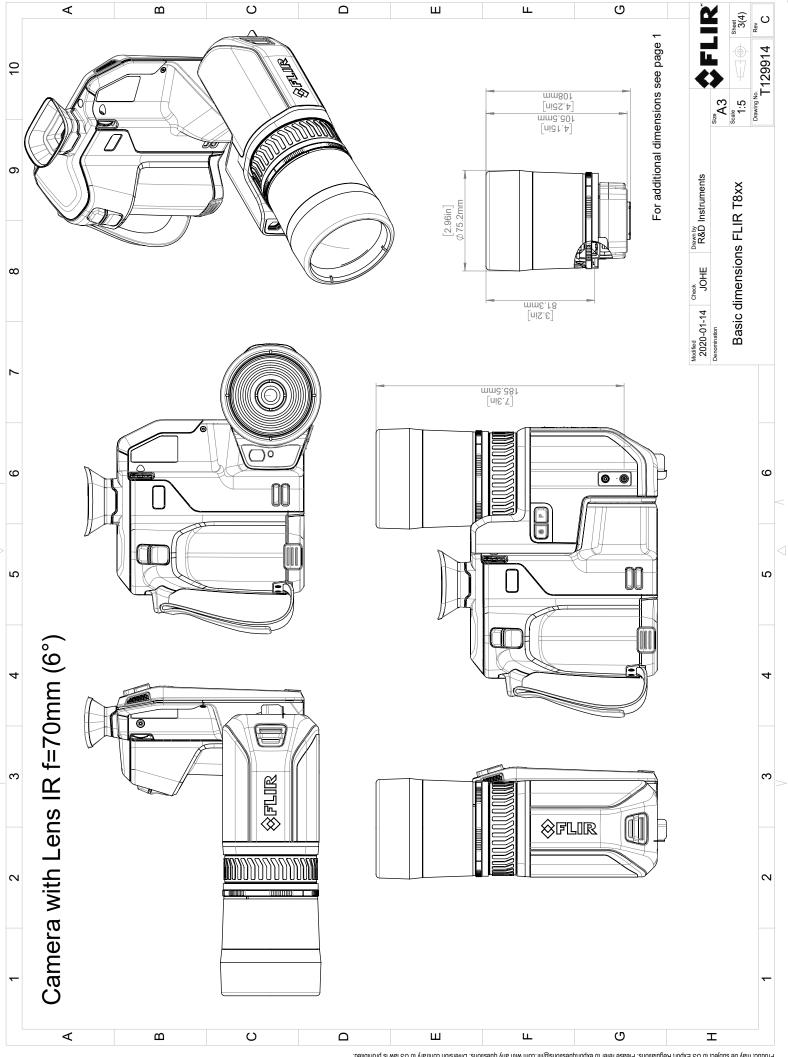
- T300369; Mounting kit (FLIR T5xx, T8xx, Exx)
- T130531ACC; Large eyecup
- T300188; Hand strap and neck strap
- T850105; FLIR Inspection Route Camera Option
- T850111; Option, Dual streaming
- T199609; Option, Macro mode 50/71/101 µm for 24°
- · T130337ACC; Calibration target
- T199588; IR lens, f=29 mm (14°) with case
- T199589; IR lens, f=17 mm (24°) with case
- 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
- T300437ACC; Lens case
- 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)
- 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**