

P/N: 78517-1301

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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 x 348 pixels
UltraMax (super-resolution)	Yes
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)
Lens identification	Automatic
f number	• 1.1, 42° • 1.5, 14°
Image frequency	30 Hz

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Imaging and optical data Focus Field of view match Digital zoom	Continuous LDM One-shot LDM One-shot contrast Manual Yes 1-4× continuous
Field of view match	One-shot LDM One-shot contrast Manual Yes
Digital zoom	1–4× 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
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	1
Viewfinder	No
Image adjustment	Automatic Automatic maximum Automatic minimum Manual
Image presentation modes	
Infrared image	Yes
Visual image	Yes
Thermal fusion	No
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%



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Inspection mode		
Measurement analysis Spotmeter 3 in live mode	Inspection mode	
Spotmeter 3 in live mode Area 3 in live mode Area 3 in live mode Automatic hot/cold detection Auto-maximum/minimum markers within area 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 External optics/windows correction Yes Alarm - Color alarm (isotherm) - Above - Below - Below - Interval - Condensation (moisture/humidity/dewpoint) - Insulation Measurement function alarm Audible/visual alarms (above/below) on any selected measurement function Set-up - Arctic - White hot - Black ho	FLIR Inspection route	Enabled in the camera
Area 3 in live mode Automatic hot/cold detection Auto-maximum/minimum markers within area Measurement presets - No measurements - Center spot - Hot spot - Cold spot - User preset 1 - User preset 2 Difference 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 - Above - Below - Interval - Interval - Color alarm (isotherm) - Above - Below - Interval - Insulation - Insulation Measurement function alarm - Audible/visual alarms (above/below) on any selected measurement function Set-up Color palettes - Arctic - White hot - Black hot - Iron - Black hot - Iron - Rainbow HC Setup commands Local adaptation of units, language, date and time formats Languages 21 Service functions - Insulation	Measurement analysis	
Automatic hot/cold detection Measurement presets - No measurements - Center spot - Hot spot - Cold spot - User preset 1 - User preset 2 Difference temperature Yes Reference temperature 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 - Arctic - White hot - Black hot - Iron - Lava - Rainbow HC Setup commands Local adaptation of units, language, date and time formats Local adaptation of units, language, date and time formats Camera software update Using USB cable or SD card Storage of images Storage media Removable memory; SD card (8 GB) Time lapse (periodic image storage) 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 built-in microphone and speaker (and via Bluetooth) on still images and video Text Text from predefined list or soft keyboard on	Spotmeter	3 in live mode
No measurements No measurements Center spot Hot spot Cold spot September Center spot Cold spot September Center spot Cen	Area	3 in live mode
Not nessuriments Center spot Hot spot Cold spot Suser preset 2	Automatic hot/cold detection	Auto-maximum/minimum markers within area
Reference temperature Emissivity correction Yes: variable from 0.01 to 1.0 or selected from materials list Measurement corrections External optics/windows correction Alarm Color alarm (isotherm) Above Below Interval Condensation (moisture/humidity/dewpoint) Interval Insulation Measurement function alarm Audible/visual alarms (above/below) on any selected measurement function Set-up Color palettes Arctic White hot Black hot Iron Lava Rainbow 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 media Removable memory; SD card (8 GB) Time lapse (periodic image storage) Remote control operation Using USB cable or Wi-Fi Image file format Image annotations Voice 60 seconds built-in microphone and speaker (and via Bluetooth) on still images and video Text Text from predefined list or soft keyboard on	Measurement presets	Center spotHot spotCold spotUser preset 1
Emissivity correction Yes: variable from 0.01 to 1.0 or selected from materials list Measurement corrections Yes External optics/windows correction 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 Arctic White hot Black hot Iron Lava Rainbow Rainbow Rainbow Commands Local adaptation of units, language, date and time formats Local adaptation of units, language, date and time formats Service functions Camera software update Using USB cable or SD card Storage of images Storage media Removable memory; SD card (8 GB) Time lapse (periodic image storage) Remote control operation Using USB cable or Wi-Fi Image file format Image annotations Voice 60 seconds built-in microphone and speaker (and via Bluetooth) on still images and video Text Text from predefined list or soft keyboard on	Difference temperature	Yes
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External optics/windows correction 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 - Arctic - White hot - Black hot - Iron - 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 (8 GB) Time lapse (periodic image storage) 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 built-in microphone and speaker (and via Bluetooth) on still images and video Text Text from predefined list or soft keyboard on	Emissivity correction	
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Below Interval Condensation (moisture/humidity/dewpoint) Insulation Audible/visual alarms (above/below) on any selected measurement function Set-up Color palettes Arctic White hot Black hot Iron Lava Rainbow 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 (8 GB) Time lapse (periodic image storage) 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 built-in microphone and speaker (and via Bluetooth) on still images and video Text Text from predefined list or soft keyboard on	Alarm	
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Languages 21 Service functions Camera software update Using USB cable or SD card Storage of images Storage media Removable memory; SD card (8 GB) 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 built-in microphone and speaker (and via Bluetooth) on still images and video Text Text from predefined list or soft keyboard on	Color palettes	White hot Black hot Iron Lava Rainbow
Service functions Camera software update Using USB cable or SD card Storage of images Storage media Removable memory; SD card (8 GB) 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 built-in microphone and speaker (and via Bluetooth) on still images and video Text Text from predefined list or soft keyboard on	Setup commands	
Camera software update Storage of images Storage media Removable memory; SD card (8 GB) 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 built-in microphone and speaker (and via Bluetooth) on still images and video Text Text from predefined list or soft keyboard on	Languages	21
Storage of images Storage media Removable memory; SD card (8 GB) 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 built-in microphone and speaker (and via Bluetooth) on still images and video Text Text from predefined list or soft keyboard on	Service functions	
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Storage media Removable memory; SD card (8 GB) Time lapse (periodic image storage) 10 seconds to 24 hours (infrared) Using USB cable or Wi-Fi Image file format Standard JPEG, measurement data included. Infrared-only mode Image annotations Voice 60 seconds built-in microphone and speaker (and via Bluetooth) on still images and video Text Text from predefined list or soft keyboard on	Storage of images	
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 built-in microphone and speaker (and via Bluetooth) on still images and video Text Text from predefined list or soft keyboard on	Storage media	Removable memory; SD card (8 GB)
Image file format Standard JPEG, measurement data included. Infrared-only mode Image annotations Voice 60 seconds built-in microphone and speaker (and via Bluetooth) on still images and video Text Text from predefined list or soft keyboard on	Time lapse (periodic image storage)	10 seconds to 24 hours (infrared)
Image annotations Voice 60 seconds built-in microphone and speaker (and via Bluetooth) on still images and video Text Text from predefined list or soft keyboard on	Remote control operation	Using USB cable or Wi-Fi
Voice 60 seconds built-in microphone and speaker (and via Bluetooth) on still images and video Text Text from predefined list or soft keyboard on	Image file format	*
via Bluetooth) on still images and video Text Text from predefined list or soft keyboard on	Image annotations	
	Voice	
	Text	



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Image annotations	
Visual image annotation	Yes
Image sketch	Yes: on infrared images only
Sketch	From touchscreen
METERLINK	Wireless connection (Bluetooth) to:
	FLIR meters with METERLiNK
Compass	Yes
Laser distance meter information	Yes
Area measurement information	Yes
GPS	Yes: location data automatically added to every still image and the 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)	Over UVC
Non-radiometric video streaming (compressed: IR, MSX, visual, Picture in Picture)	H.264 (AVC) over RTSP (Wi-Fi) MPEG4 over RTSP (Wi-Fi) MJPEG over UVC and RTSP (Wi-Fi)
Visual video streaming	Yes
Digital camera	
Digital camera Resolution	5 MP with LED light
	5 MP with LED light Fixed
Resolution	, and the second
Resolution Focus	Fixed
Resolution Focus Field of view	Fixed 53° × 41°
Resolution Focus Field of view Video lamp	Fixed 53° × 41°
Resolution Focus Field of view Video lamp Laser pointer	Fixed 53° × 41° Built-in LED light Position is automatically displayed on the infrared
Resolution Focus Field of view Video lamp Laser pointer Laser alignment	Fixed 53° × 41° Built-in LED light Position is automatically displayed on the infrared image
Resolution Focus Field of view Video lamp Laser pointer Laser alignment Laser distance meter	Fixed 53° × 41° Built-in LED light Position is automatically displayed on the infrared image Activated by a dedicated button Class 2, 0.05–40 m (1.6–131 ft.) ±1% of
Resolution Focus Field of view Video lamp Laser pointer Laser alignment Laser distance meter Laser	Fixed 53° × 41° Built-in LED light Position is automatically displayed on the infrared image Activated by a dedicated button Class 2, 0.05–40 m (1.6–131 ft.) ±1% of
Resolution Focus Field of view Video lamp Laser pointer Laser alignment Laser distance meter Laser Data communication interfaces	Fixed 53° × 41° Built-in LED light Position is automatically displayed on the infrared image Activated by a dedicated button Class 2, 0.05–40 m (1.6–131 ft.) ±1% of measured distance
Resolution Focus Field of view Video lamp Laser pointer Laser alignment Laser distance meter Laser Data communication interfaces Interfaces	Fixed 53° × 41° Built-in LED light Position is automatically displayed on the infrared image Activated by a dedicated button Class 2, 0.05–40 m (1.6–131 ft.) ±1% of measured distance USB 2.0, Bluetooth, Wi-Fi, DisplayPort Communication with headset and external
Resolution Focus Field of view Video lamp Laser pointer Laser alignment Laser distance meter Laser Data communication interfaces Interfaces METERLiNK/Bluetooth	Fixed 53° × 41° Built-in LED light Position is automatically displayed on the infrared image Activated by a dedicated button Class 2, 0.05–40 m (1.6–131 ft.) ±1% of measured distance USB 2.0, Bluetooth, Wi-Fi, DisplayPort Communication with headset and external sensors
Resolution Focus Field of view Video lamp Laser pointer Laser alignment Laser distance meter Laser Data communication interfaces Interfaces METERLiNK/Bluetooth Wi-Fi	Fixed 53° × 41° Built-in LED light Position is automatically displayed on the infrared image Activated by a dedicated button Class 2, 0.05–40 m (1.6–131 ft.) ±1% of measured distance USB 2.0, Bluetooth, Wi-Fi, DisplayPort Communication with headset and external sensors Peer to peer (ad hoc) or infrastructure (network) Microphone and speaker for voice annotation of
Resolution Focus Field of view Video lamp Laser pointer Laser alignment Laser distance meter Laser Data communication interfaces Interfaces METERLiNK/Bluetooth Wi-Fi Audio	Fixed 53° × 41° Built-in LED light Position is automatically displayed on the infrared image Activated by a dedicated button Class 2, 0.05–40 m (1.6–131 ft.) ±1% of measured distance USB 2.0, Bluetooth, Wi-Fi, DisplayPort Communication with headset and external sensors Peer to peer (ad hoc) or infrastructure (network) Microphone and speaker for voice annotation of images
Resolution Focus Field of view Video lamp Laser pointer Laser alignment Laser distance meter Laser Data communication interfaces Interfaces METERLINK/Bluetooth Wi-Fi Audio USB	Fixed 53° × 41° Built-in LED light Position is automatically displayed on the infrared image Activated by a dedicated button Class 2, 0.05–40 m (1.6–131 ft.) ±1% of measured distance USB 2.0, Bluetooth, Wi-Fi, DisplayPort Communication with headset and external sensors Peer to peer (ad hoc) or infrastructure (network) Microphone and speaker for voice annotation of images USB Type-C: data transfer/video/power



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	<u></u>
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	> 2.5 hours at 25°C (68°F) and typical use
Charging system	In camera (AC adapter or 12 V from a vehicle) or two-bay charger
Charging time (using two-bay charger)	2.5 hours to 90% capacity with charging status indicated by LEDs
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)/two 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	ETSI EN 300 328 ETSI EN 301 893 FCC 47 CFR part 15 C FCC 47 CFR part 15 E
Encapsulation	IP 54 (IEC 60529)
Shock	25g (IEC 60068-2-27)
Vibration	2g (IEC 60068-2-6)
Drop	Designed for 2 m (6.6 ft.)
Safety	Camera:
	• IEC/EN 60950-1, IEC/EN 62368-1
	Power supply:
	IEC/EN 62368-1CSA/UL/KC/SAA/PSE 60950-1

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Physical data	
Weight (including battery)	1 kg (2.2 lb.)
Size (L × W × H)	278.4 × 116.1 × 113.1 mm (11.0 × 4.6 × 4.4 in.)
Battery weight	140 g (4.9 oz.)
Battery size (L × W × H)	150 × 46 × 55 mm (5.9 × 1.8 × 2.2 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, weight	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, 1.0 m USB Type-C to HDMI adapter, standard specification UH311 USB Type-C to USB Type-C cable (USB 2.0 standard), 1.0 m Accessory box III: Front protection fastener Hand strap bracket, left Hand strap bracket, right Screws Torx T10 wrench Carabiner hook Front protection Hand strap Lanyard strap, camera Lens cap strap Wrist strap Battery (2 ea) Battery (2 ea) Battery charger Extra lens, 14° FILIR Thermal Studio Starter Hard transport case Infrared camera with lens Lens cap, front Lens cap, front and rear (only for extra lenses) 6.2 kg (13.7 lb.)
	,
Packaging, size	500 × 190 × 370 mm (19.7 × 7.5 × 14.6 in.)
EAN-13 UPC-12	4743254004726 845188022723
Country of origin	845188022723 Estonia
Country of Origin	Lotoriid

Supplies & accessories:

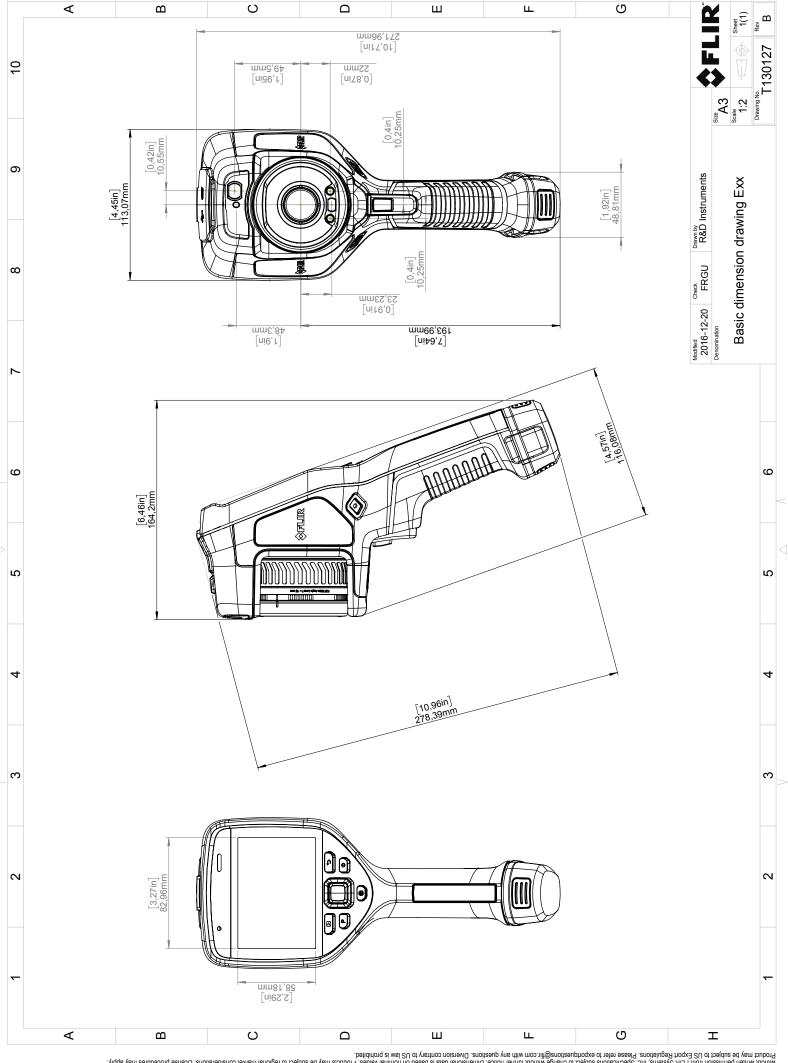
- T300238; Macro lens 2.0x with case
- T131171ACC; Remote operation button
- T300030; Option, No radioT911997; Tripod

\$FLIR

FLIR E86 42° + 14°

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- T911998; HDMI 2-port video splitter
- T300369; Mounting kit (FLIR T5xx, T8xx, Exx)
- T850111; Option, Dual streaming
- T130337ACC; Calibration target
- T199330ACC; Battery
- T199346ACC; Hard transport case for FLIR Exx series
- T199425ACC; Battery charger
- T199557ACC; Accessory Box II
- 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
- T911689ACC; Pouch for FLIR E-series
- 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
- T199589; IR lens, f=17 mm (24°) with case
- T199588; IR lens, f=29 mm (14°) with case
- T199590; IR lens, f=10 mm (42°) with case
- T197771ACC; Bluetooth Headset
- T300244; FLIR Route Creator Plugin for FLIR Thermal Studio Pro, 1 Year Subscription
- T300342; FLIR Screen-EST, Perpetual license
- 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)
- 4232535; FLIR Research Studio, Professional Edition 1 Year Subscription (online activation)
- 4232556; FLIR Research Studio, Professional Edition Perpetual License (online activation)
- 4232590; FLIR Research Studio, Professional Edition Perpetual License (USB dongle)
- · 4232557; FLIR Research Studio, Professional Edition USB dongle only
- 4220499; FLIR Research Studio, Standard Edition 1 Year Subscription (online activation)
- 4220500; FLIR Research Studio, Standard Edition Perpetual License (online activation)
- 4220646; FLIR Research Studio, Standard Edition Perpetual License (USB dongle)
- 24971-010; FLIR Research Studio, Standard Edition USB dongle only
- 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)
- 4232591; FLIR ResearchIR to Research Studio, Professional Edition 1 Year License Upgrade
- INST-EW-0140; Extended Warranty 1 Year for E53, E75, E85, E95
- INST-EWGM-0135; Premium Service Package for A35, A65, E53, E75, E85, E95
- INST-GM-0125; General Maintenance Package for A35, A65, Exx, Kxx



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July 07, 2021 Täby, Sweden AQ320222

CE Declaration of Conformity - EU Declaration of Conformity

Product: FLIR E53 /E54 /E75 /E76 /E85 /E86 /E95 /E96 -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 E53 /E54 /E75 /E76 /E85 /E86 / E95 /E96-series (Product Model Name FLIR-E7850).

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:

Emission: EN 61000-6-3/A1:2011 Electromagnetic Compability

Generic standards – Emission

Immunity: EN 61000-6-2:2005 Electromagnetic Compability

Draft EN 301489-1:2016 v2.1.0 Generic standards – Immunity

EN 301489-17:2012 v2.2.1

Laser: EN 60825-1 Safety of laser products

Radio: ETSI EN 300 328 v2.2.2 Harmonized EN covering essential

requirements of the R&TTE Directive

ETSI EN 301 893 v1.8.1 Harmonized EN covering essential regs

SAR: EN 62209-2 Human exposure Wireless

Safety (Battery charger): Information technology equipment

IEC 62368-1: 2014 (2.Edition) and Cor. 1: 2015

EN 62368-1: 2014/AC: 2015/A11: 2017/AC:2017

RoHS: EN 50581:2012 Technical documentation

FLIR Systems AB

Quality Assurance

Lea Dabiri

Quality Manager