

P/N: 78512-1301

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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	464 × 348 pixels
UltraMax (super-resolution)	Yes
NETD	<40 mK @ +30°C (+86°F)
Field of view	24° × 18°
Minimum focus distance	0.15 m (0.49 ft.)
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	14° (AutoCal) 42° (AutoCal)
Lens identification	Automatic
f number	1.3
Image frequency	30 Hz
Focus	Continuous LDMOne-shot LDMOne-shot contrastManual
Field of view match	Yes
Digital zoom	1–4× continuous



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Focal plane array/spectral range Uncooled microbolometer/7.5–14 μm		
Detector pitch 17 μm	Detector data	
Image presentation	. , , , ,	•
Resolution	Detector pitch	17 μm
Surface brightness (cd/m²) 400	Image presentation	
Screen size 4 in.	Resolution	640 × 480 pixels (VGA)
Viewing angle	Surface brightness (cd/m²)	400
Aspect ratio 4:3	Screen size	4 in.
Aspect ratio	Viewing angle	80°
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) Picture in Picture C Range O to 650°C (32 to 1202°F) • 100 to 120°C (212 to 248°F): ±2% • Range 0 to 650°C (32 to 1202°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2%	Color depth (bits)	24
Touchscreen Display technology IPS Cover glass material Programmable buttons 1 Viewfinder No Image adjustment Automatic maximum - Automatic minimum - Manual Image presentation modes Infrared image Yes Visual image Yes Thermal fusion No MSX Yes Picture in Picture 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): ±2°C (±3.6°F) - 100 to 650°C (32 to 1202°F): ±2°C - Range 300 to 1500°C (572 to 2732°F): ±2% Range 300 to 1500°C (572 to 2732°F): ±2% - Range 300 to 1500°C (572 to 2732°F): ±2% - Range 300 to 1500°C (572 to 2732°F): ±2% - Range 300 to 1500°C (572 to 2732°F): ±2% - Range 300 to 1500°C (572 to 2732°F): ±2% - Range 300 to 1500°C (572 to 2732°F): ±2% - Range 300 to 1500°C (572 to 2732°F): ±2%	Aspect ratio	4:3
Display technology	Auto-rotation	Yes
Dragontrail®	Touchscreen	Optically bonded PCAP
Programmable buttons	Display technology	IPS
No Image adjustment Automatic Automatic Automatic maximum Automatic minimum Manual	Cover glass material	Dragontrail®
Manual Manual Manual	Programmable buttons	1
Automatic maximum	Viewfinder	No
Infrared image	Image adjustment	Automatic maximum Automatic minimum
Visual image Yes Thermal fusion No MSX Yes Picture in Picture Resizable and movable Gallery Yes Measurement • -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): ±2°C (±3.6°F) • 100 to 120°C (212 to 248°F): ±2°C (±3.6°F) • 0 to 100°C (32 to 1202°F): ±2°C (±3.6°F) • 100 to 650°C (32 to 1202°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% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572	Image presentation modes	
Thermal fusion MSX Yes Picture in Picture Resizable and movable 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) - 20 to 100°C (-4 to 248°F): - 20 to 100°C (-4 to 248°F): - 100 to 120°C (212 to 248°F): ±2°C (±3.6°F) - 100 to 120°C (212 to 248°F): ±2°C Range 0 to 650°C (32 to 1202°F): ±2°C Range 300 to 1500°C (572 to 2732°F): ±2% Range 300 to 1500°C (572 to 2732°F): ±2%	Infrared image	Yes
MSX Yes Picture in Picture Resizable and movable Gallery Yes Measurement • -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% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300 to 1500°C (572 to 2732°F): ±2% • Range 300°C (572 to 2732°F): ±2% • Ran	Visual image	Yes
Picture in Picture Resizable and movable	Thermal fusion	No
Measurement • −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°C • 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%	MSX	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%	Picture in Picture	Resizable and movable
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) Cobject temperature range and accuracy (for ambient temp. 15 to 35°C (59 to 95°F) - 20 to 100°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%	Gallery	Yes
-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%	Measurement	
ambient temp. 15 to 35°C (59 to 95°F) • Hange -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%	Camera temperature range	0 to 650°C (32 to 1202°F)
Inspection mode		 -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%
	Inspection mode	
FLIR Inspection route Enabled in the camera	FLIR Inspection route	Enabled in the camera
Measurement analysis	Measurement analysis	
Spotmeter 3 in live 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	Automatic hot/cold detection	Auto-maximum/minimum markers within area



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Maccurement analysis	1
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	Arctic
	White hot
	Black hot Iron
	Iron Lava
	Rainbow Rainbow
Setup commands	Rainbow HC Local adaptation of units, language, date and time
Getap commands	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)	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 touchscreen
Visual image annotation	Yes
Image sketch	Yes: on infrared images only
Sketch	From touchscreen
METERLINK	Wireless connection (Bluetooth) to:



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Image annotations	
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	
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 a dedicated button
Laser	Class 2, 0.05–40 m (1.6–131 ft.) ±1% of measured distance
Data communication interfaces	
Interfaces	USB 2.0, Bluetooth, Wi-Fi, DisplayPort
METERLiNK/Bluetooth	Communication with headset and external sensors
Wi-Fi	Peer to peer (ad hoc) or infrastructure (network)
Audio	Microphone and speaker for voice annotation of images
USB	USB Type-C: data transfer/video/power
USB standard	USB 2.0 High Speed
Video out	DisplayPort
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	> 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	 EN 61000-6-3 (emission)
Radio spectrum Encapsulation	 EN 61000-6-3 (emission) FCC 47 CFR part 15 B, class B (emission) ETSI EN 300 328 ETSI EN 301 893 FCC 47 CFR part 15 C
	 EN 61000-6-3 (emission) FCC 47 CFR part 15 B, class B (emission) ETSI EN 300 328 ETSI EN 301 893 FCC 47 CFR part 15 C FCC 47 CFR part 15 E
Encapsulation	 EN 61000-6-3 (emission) FCC 47 CFR part 15 B, class B (emission) ETSI EN 300 328 ETSI EN 301 893 FCC 47 CFR part 15 C FCC 47 CFR part 15 E IP 54 (IEC 60529)
Encapsulation Shock	 EN 61000-6-3 (emission) FCC 47 CFR part 15 B, class B (emission) ETSI EN 300 328 ETSI EN 301 893 FCC 47 CFR part 15 C FCC 47 CFR part 15 E IP 54 (IEC 60529) 25g (IEC 60068-2-27)
Encapsulation Shock Vibration	 EN 61000-6-3 (emission) FCC 47 CFR part 15 B, class B (emission) ETSI EN 300 328 ETSI EN 301 893 FCC 47 CFR part 15 C FCC 47 CFR part 15 E IP 54 (IEC 60529) 25g (IEC 60068-2-27) 2g (IEC 60068-2-6)
Encapsulation Shock Vibration Drop	EN 61000-6-3 (emission) FCC 47 CFR part 15 B, class B (emission) ETSI EN 300 328 ETSI EN 301 893 FCC 47 CFR part 15 C FCC 47 CFR part 15 E IP 54 (IEC 60529) 25g (IEC 60068-2-27) 2g (IEC 60068-2-6) Designed for 2 m (6.6 ft.)
Encapsulation Shock Vibration Drop	 EN 61000-6-3 (emission) FCC 47 CFR part 15 B, class B (emission) ETSI EN 300 328 ETSI EN 301 893 FCC 47 CFR part 15 C FCC 47 CFR part 15 E IP 54 (IEC 60529) 25g (IEC 60068-2-27) 2g (IEC 60068-2-6) Designed for 2 m (6.6 ft.) Camera:

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FLIR E86 24°

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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.) 140 q (4.9 oz.)
Battery weight	, , , , , , , , , , , , , , , , , , ,
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, 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, 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: 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 charger FLIR Thermal Studio Starter Hard transport case Infrared camera with lens Lens cap, front Lens cap, front and rear (only for extra lenses)
Packaging, weight	5.8 kg (12.8 lb.)
Packaging, size	500 × 190 × 370 mm (19.7 × 7.5 × 14.6 in.)
EAN-13	4743254004672
UPC-12	845188022679
Country of origin	Estonia

Supplies & accessories:

- T300238; Macro lens 2.0x with case
- T131171ACC; Remote operation button
- T300030; Option, No radio
- T911997; Tripod
- T911998; HDMI 2-port video splitter

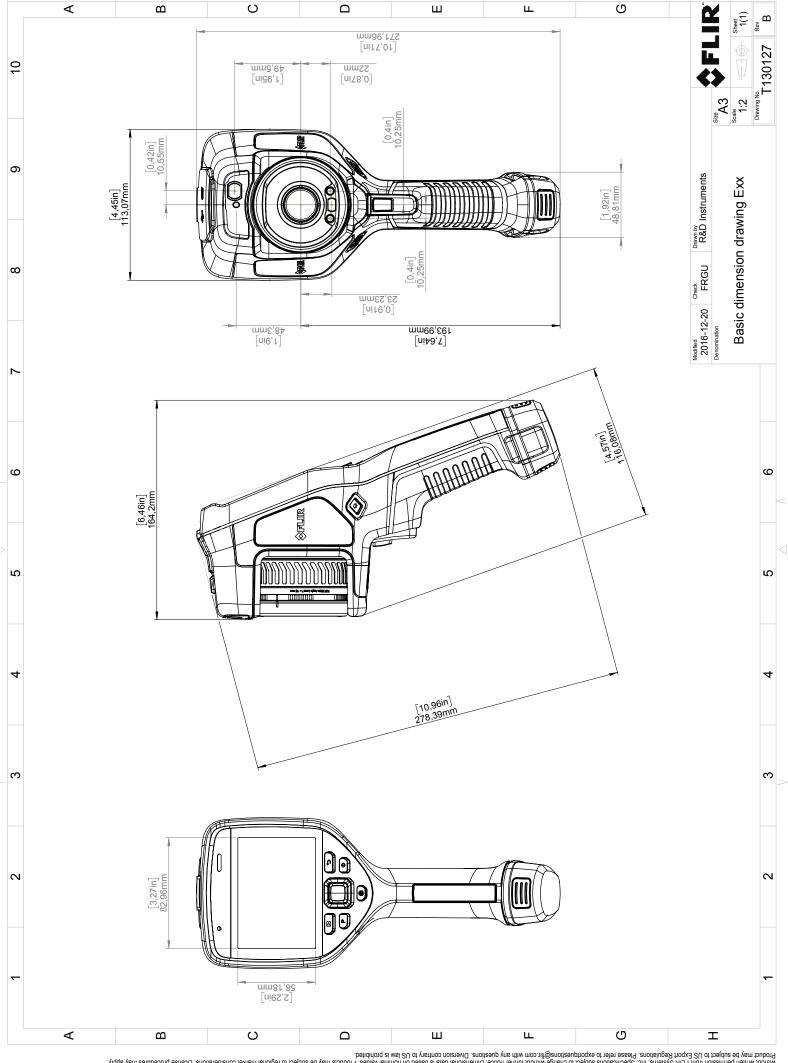
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FLIR E86 24°

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- 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