



Metadados

Nº da peça	63907-0804	63908-0905
Nome do Produto	FLIR E6xt (incluindo Wi-Fi)	FLIR E8xt (incluindo Wi-Fi)
Revisão	84749	84751
Última modificação	02-05-2022	02-05-2022

Dados de imagem e ópticos

Resolução IR	240 × 180 pixels	320 × 240 pixels
Sensibilidade térmica/NETD	< 0,06°C (0,11°F) / < 60 mK	< 0,05°C (0,09°F) / < 50 mK
Campo de visão (FOV)	45° × 34°	45° × 34°
Distância mínima de foco	0,5 m (1,6 pés)	0,5 m (1,6 pés)
Resolução espacial (IFOV)	3,4 mil	2,6 mil
Número F	1,5	1,5
Frequência de imagem	9Hz	9Hz
Foco	Foco livre	Foco livre

Dados do detector

Tipo de detector	Array de plano focal (FPA), microbolômetro não resfriado	Array de plano focal (FPA), microbolômetro não resfriado
Faixa espectral	7,5–13 µm	7,5–13 µm

Apresentação da imagem

Exibição	LCD colorido de 3,0 pol. 320 × 240	LCD colorido de 3,0 pol. 320 × 240
Ajuste de imagem	Automático/Manual	Automático/Manual

Modos de apresentação de imagem

Modos de imagem	MSX Térmico , Térmico, Picture-in-Picture, Mistura Térmica, Câmera Digital.	MSX Térmico , Térmico, Picture-in-Picture, Mistura Térmica, Câmera Digital.
Imagem dinâmica multiespectral (MSX)	Imagem IR com apresentação de detalhes aprimorada	Imagem IR com apresentação de detalhes aprimorada
Imagem na Imagem	Área IR na imagem visual	Área IR na imagem visual

Medição

Faixa de temperatura da câmera	–20 a 250°C (–4 a 482°F) 10 a 550°C (50 a 1022°F)	–20 a 250°C (–4 a 482°F) 10 a 550°C (50 a 1022°F)
Faixa de temperatura e precisão do objeto (para temperatura ambiente de 10 a 35°C (50 a 95°F) e temperatura do objeto acima de 0°C (32°F))	- Faixa –20 a 250°C (–4 a 482°F) : 0 a 100°C (32 a 212°F) : ±2°C (±3,6°F) 100 a 250°C (212 a 482°F) : ±2%	- Faixa –20 a 250°C (–4 a 482°F) : 0 a 100°C (32 a 212°F) : ±2°C (±3,6°F) 100 a 250°C (212 a 482°F) : ±2%

	- Faixa de 10 a 550°C (50 a 1022°F): 10 a 100°C (50 a 212°F) : ±3°C (±5,4°F) 100 a 550°C (212 a 1022°F) : ±3%	- Faixa de 10 a 550°C (50 a 1022°F): 10 a 100°C (50 a 212°F) : ±3°C (±5,4°F) 100 a 550°C (212 a 1022°F) : ±3%
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Análise de medição

Medidor de pontos	Ponto central	Ponto central
Área	Caixa com max./min.	Caixa com max./min.
isotérmico	Above alarm, Below alarm	Above alarm, Below alarm
Emissivity correction	Variable from 0.1 to 1.0	Variable from 0.1 to 1.0
Emissivity table	Emissivity table of predefined materials	Emissivity table of predefined materials
Reflected apparent temperature correction	Automatic, based on input of reflected temperature	Automatic, based on input of reflected temperature

Set-up

Color palettes	Black and white, iron and rainbow	Black and white, iron and rainbow
Set-up commands	Local adaptation of units, language, date and time formats	Local adaptation of units, language, date and time formats

Storage of images

File formats	Standard JPEG, 14-bit measurement data included	Standard JPEG, 14-bit measurement data included
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Digital camera

Digital camera, resolution	640 × 480	640 × 480
Digital camera, FOV	55° × 43°	55° × 43°

Data communication interfaces

Interfaces	USB Micro: Data transfer to and from PC and Mac device	USB Micro: Data transfer to and from PC and Mac device
Wi-Fi	Peer-to-peer (ad hoc) or infrastructure (network)	Peer-to-peer (ad hoc) or infrastructure (network)

Radio

Wi-Fi	- Standard: 802.11 b/g/n - Frequency range: 2400–2480 MHz 5150–5260 MHz - Max. output power: 15 dBm	- Standard: 802.11 b/g/n - Frequency range: 2400–2480 MHz 5150–5260 MHz - Max. output power: 15 dBm
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Power system

Battery type	Rechargeable Li ion battery	Rechargeable Li ion battery
Battery voltage	3.6 V	3.6 V
Battery operating time	Approx. 4 hours at +25°C (+77°F) ambient temperature and typical use	Approx. 4 hours at +25°C (+77°F) ambient temperature and typical use
Charging system	Battery is charged inside the camera or in specific charger.	Battery is charged inside the camera or in specific charger.
Charging time	2.5 hours to 90% capacity in camera. 2 hours in charger.	2.5 hours to 90% capacity in camera. 2 hours in charger.
Power management	Automatic shut-down	Automatic shut-down
AC operation	AC adapter, 90–260 VAC input, 5 VDC output to camera	AC adapter, 90–260 VAC input, 5 VDC output to camera
Battery documents	For documents like MSDS and UN38.3 test reports/summaries, see: https://support.flir.com/resources/msds	For documents like MSDS and UN38.3 test reports/summaries, see: https://support.flir.com/resources/msds

Environmental data

Operating temperature range	–15°C to +50°C (+5°F to +122°F)	–15°C to +50°C (+5°F to +122°F)
Storage temperature range	–40°C to +70°C (–40°F to +158°F)	–40°C to +70°C (–40°F to +158°F)

Humidity (operating and storage)	IEC 60068-2-30/24 h 95% relative humidity	IEC 60068-2-30/24 h 95% relative humidity
EMC	- EN 61000-6-2 (Immunity) - EN 61000-6-3 (Emission) - FCC 47 CFR Part 15 Class B (Emission) - RCM	- EN 61000-6-2 (Immunity) - EN 61000-6-3 (Emission) - FCC 47 CFR Part 15 Class B (Emission) - RCM
Radio spectrum	- ETSI EN 300 328 - ETSI EN 301 893 - FCC 47 CFR Part 15 C, E - RSS-247 Issue 2	- ETSI EN 300 328 - ETSI EN 301 893 - FCC 47 CFR Part 15 C, E - RSS-247 Issue 2
Hazardous substances	- WEEE 2012/19/EU - RoHs 2011/65/EU	- WEEE 2012/19/EU - RoHs 2011/65/EU
Encapsulation	IP 54 (IEC 60529)	IP 54 (IEC 60529)
Shock	25 g (IEC 60068-2-27)	25 g (IEC 60068-2-27)
Vibration	2 g (IEC 60068-2-6)	2 g (IEC 60068-2-6)
Drop	2 m (6.6 ft.)	2 m (6.6 ft.)
Safety	Camera: - IEC/EN 60950-1, IEC/EN 62368-1 Power supply: - IEC/EN 62368-1 - CSA/UL/KC/SAA/PSE 60950-1	Camera: - IEC/EN 60950-1, IEC/EN 62368-1 Power supply: - IEC/EN 62368-1 - CSA/UL/KC/SAA/PSE 60950-1
Declaration of conformity	See: https://support.flir.com/resources/DoC	See: https://support.flir.com/resources/DoC

Physical data

Camera weight, incl. battery	0.575 kg (1.27 lb.)	0.575 kg (1.27 lb.)
Camera size (L × W × H)	244 × 95 × 140 mm (9.6 × 3.7 × 5.5 in.)	244 × 95 × 140 mm (9.6 × 3.7 × 5.5 in.)
Color	Black and gray	Black and gray

Shipping information

Packaging, type	Cardboard box	Cardboard box
List of contents	- Infrared camera - Hard transport case - Battery (inside camera) - USB cable - Power supply/charger with EU, UK, US and Australian plugs - FLIR Thermal Studio Starter - Printed documentation	- Infrared camera - Hard transport case - Battery (2x) - USB cable - Power supply/charger with EU, UK, US and Australian plugs - Battery charger - FLIR Thermal Studio Starter - Printed documentation
Packaging, weight	2.9 kg (6.4 lb.)	3.13 kg (6.9 lb.)
Packaging, size	385 × 165 × 315 mm (15.2 × 6.5 × 12.4 in.)	385 × 165 × 315 mm (15.2 × 6.5 × 12.4 in.)
EAN-13	4743254004016	4743254004023
UPC-12	845188018795	845188018801
Country of origin	Estonia	Estonia