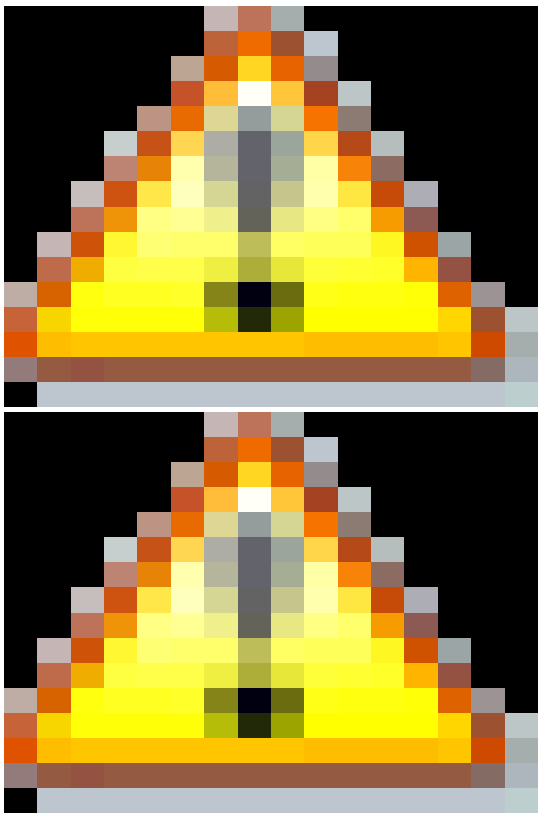
Cámara E95



La cámara térmica FLIR E95 cuenta con numerosas funcionalidades útiles para encontrar puntos calientes, detectar los primeros signos de deficiencias en los edificios, solucionar problemas en sistemas eléctricos y mecánicos, y evitar otros problemas antes de que provoquen daños graves.

Calificación: Sin calificación
Precio
$ 866.650

Descuento

Haga una pregunta sobre este producto

Fabricante:Flir

Descripción

FLIR ha rediseñado completamente las cámaras térmicas de la serie Exx para ofrecer un rendimiento, una resolución y una sensibilidad inigualables en una cámara termográfica portátil de este formato. La cámara térmica FLIR E95 cuenta con numerosas funcionalidades útiles para encontrar puntos calientes, detectar los primeros signos de deficiencias en los edificios, solucionar problemas en sistemas eléctricos y mecánicos, y evitar otros problemas antes de que provoquen daños graves.

Prestaciones de la FLIR E95

Visión clara con cualquier ángulo

La pantalla LCD nítida de 4” con ángulo de visión de 160° de gran luminosidad.

Calibración de alta temperatura

La cámara de infrarrojos FLIR E95 ofrece amplios rangos de medición (de -20 a 120 °C, de 0 a 650 °C y de 300 °C a 1500 °C).

Interfaz y navegación intuitivas

La pantalla táctil capacitiva y los cómodos botones de menú facilitan la navegación y el control de la cámara térmica con una sola mano.

Mejora superior de escenas MSX®

Incorpora la última versión de la tecnología patentada MSX®, que importa en tiempo real las aristas del espectro visible capturados con la cámara fotográfica a la imagen termográfica, logrando una mejor comprensión de la imagen térmica.

Garantía 2-10 líder en el sector

FLIR respalda la serie Exx con la mejor garantía del mercado, para la batería, el cuerpo y el detector.

Imaging and optical data	(Para lente 24º)
Infrared resolution	464 × 348 pixels
UltraMax (super-resolution)	Yes
NETD	<0.4° C@30°C (86°F).
Field of view	24°
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 LDM • One-shot LDM • One-shot contrast • Manual
Field of view match	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

Image presentation	• 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%

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) 1

Measurement analysis	
Spotmeter	3 in live mode
Area	3 in live mode
Automatic hot/cold	Auto-maximum/minimum

Measurement analysis detection	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

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 (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

Image annotations	
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	
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

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 Class B (emission)
Radio spectrum	• ETSI EN 300 328 • FCC Part 15.249 • RSS-247 Issue 2
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	EN/UL/CSA/PSE 60950-1

Comentarios

Aún no hay comentarios para este producto.

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