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FLIR E5 Pro

FLIR E5 Pro Thermal Imaging Camera User Manual

Model: E5 Pro

INTRODUCTION

This manual provides essential instructions for the safe and effective operation of your FLIR E5 Pro Thermal Imaging Camera. The FLIR E5 Pro is a handheld infrared camera designed for professional use, offering high-resolution thermal imaging and cloud connectivity for various inspection and diagnostic applications.

Image: The FLIR E5 Pro thermal imaging camera, showing its ergonomic design and display with a thermal image.

1. Setup and Initial Use

1.1 Unpacking and Contents

Carefully unpack all items from the product packaging. Verify that all components are present:

- FLIR E5 Pro Infrared Camera
- Hard transport case
- Rechargeable Lithium-ion battery (one included, pre-installed or separate)
- USB power supply/charger with international adapters (EU, UK, US, AU)
- USB cable
- FLIR Thermal Studio Starter software information

Image: The included USB power supply, charger, and various international plug adapters.

1.2 Battery Charging and Installation

The camera uses a rechargeable Lithium-ion battery. Ensure the battery is fully charged before first use.

1. Connect the USB cable to the camera and the power supply.
2. Plug the power supply into an appropriate electrical outlet using the correct regional adapter.
3. The charging indicator on the camera will show charging status.
4. For battery installation, refer to the compartment on the camera handle.

1.3 Powering On/Off

Press and hold the power button located on the camera to turn it on or off. The camera will perform a brief startup sequence.

2. Operating the Camera

2.1 Basic Operation and Image Capture

The FLIR E5 Pro is designed for intuitive point-and-shoot operation. The lens is always in focus, simplifying use.

- **One-button image capture:** Press the trigger button to capture a thermal image.
- **Display:** View images and navigate menus on the 3.5-inch, 640 x 480 pixel color LCD touchscreen.

Image: Side view of the FLIR E5 Pro highlighting key physical features like the lens, flashlight, and trigger button.

2.2 Thermal Imaging Features

- **Thermal Resolution:** 160 × 120 pixels (19,200 pixels) for detailed thermal images.
- **Temperature Range:** Measures temperatures from -20°C to 400°C (-4°F to 752°F).
- **MSX Technology:** Patented Multi-Spectral Dynamic Imaging (MSX) embosses visual details onto the thermal image, enhancing clarity and making it easier to identify components.
- **Image Modes:** Select from Thermal MSX, Thermal, Picture-in-Picture, or Digital camera modes.
- **Color Palettes:** Choose from various palettes including Iron, White hot, Black hot, Arctic, Lava, and Rainbow HC to visualize temperature differences effectively.

E5 PRO

Pro-Series Infrared Camera with Ignite™ Cloud

Suited to HVAC inspections

THERMAL RESOLUTION

160 × 120 (19,200 pixels)

TEMPERATURE RANGE

–4°F to 752°F in two ranges

–20°C to 400°C

BATTERY OPERATING TIME

4 hours of continuous use

YEAR 2 FULL PRODUCT WARRANTY*

YEAR 10 DETECTOR WARRANTY*

Image: Overview of the FLIR E5 Pro's core specifications including thermal resolution and temperature range.

Image: Details on the FLIR E5 Pro's Wi-Fi capabilities, display specifications, and available imaging options.

2.3 Image Management and Connectivity

- **File Format:** Records standard JPEG images with embedded temperature data.
- **FLIR Ignite Cloud:** Connect to the FLIR Ignite App via Wi-Fi for automatic storage, editing, and sharing of images in the cloud. This facilitates rapid image transfer and collaboration.
- **Touchscreen Annotations:** Utilize the 3.5-inch touchscreen for quick on-screen setting changes, adding annotations to images, and saving files directly to the FLIR Ignite cloud.

Image: A hand interacting with the FLIR E5 Pro's touchscreen to add annotations to a thermal image.

2.4 Image Optimization

The 1-Touch Level/Span feature allows for quick image contrast improvement. By touching an area on the screen, the camera automatically adjusts the level and span to optimize contrast for that specific spot, reducing diagnostic time.

Image: A user adjusting the thermal image contrast on the FLIR E5 Pro using the 1-Touch Level/Span function.

3. Maintenance

3.1 Cleaning the Camera

- Use a soft, damp cloth to clean the camera body.
- For the lens, use a lens cleaning cloth and solution specifically designed for optics. Avoid abrasive materials.
- Do not immerse the camera in water or use harsh chemicals.

3.2 Battery Care

- Charge the battery regularly, even if the camera is not in frequent use, to maintain battery health.
- Store the camera and battery in a cool, dry place.
- The battery provides approximately 4 hours of continuous operating time.

3.3 Software Updates

The FLIR E5 Pro supports Over-The-Air (OTA) updates, ensuring your camera is always equipped with the latest features and improvements. Connect to Wi-Fi and check for available updates through the camera's menu or the FLIR Ignite App.

4. Troubleshooting

If you encounter issues with your FLIR E5 Pro, consider the following basic troubleshooting steps:

- **Camera not powering on:** Ensure the battery is charged and correctly installed. Try charging the camera for at least 30 minutes.
- **Image quality issues:** Clean the lens. Ensure proper focus (though the lens is always in focus, debris can affect clarity). Adjust color palettes or use the 1-Touch Level/Span feature.
- **Connectivity problems:** Verify Wi-Fi settings and network connection. Ensure the FLIR Ignite App is updated on your device.
- **Software issues:** Check for and install any available OTA software updates.

For more complex issues or persistent problems, refer to the official FLIR support resources or contact customer service.

5. Specifications

Feature	Detail
Model	FLIR E5 Pro
Part Number	13301-0101
Thermal Resolution	160 × 120 pixels (19,200 pixels)
Temperature Range	-20°C to 400°C (-4°F to 752°F)
Display	3.5 inch, 640 × 480 pixel Color LCD touchscreen
Connectivity	Wi-Fi, USB
Battery Type	Lithium Ion
Battery Operating Time	Approximately 4 hours continuous use
Item Weight	1.27 pounds
Product Dimensions	9.6 x 3.7 x 5.5 inches (244 x 94 x 140 mm)
Power Source	Battery Powered (220 Volts charger compatible)
Included Components	Camera, Case, Battery, USB Supply/Charger (EU, UK, US, AU), Software

6. Warranty Information

The FLIR E5 Pro Thermal Imaging Camera comes with a comprehensive warranty:

- **2-Year Full Product Warranty:** Covers parts and labor for the camera.
- **10-Year Detector Warranty:** Covers the thermal detector, which is a critical component of the camera.

For detailed terms and conditions, please refer to the warranty documentation included with your product or visit the official FLIR website.

7. Support and Contact

For further assistance, technical support, or to access additional resources, please visit the official FLIR website: www.flir.com
You can also find product registration, software downloads, and frequently asked questions on their support pages.

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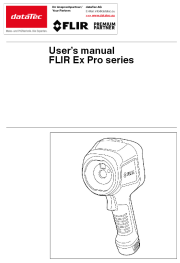
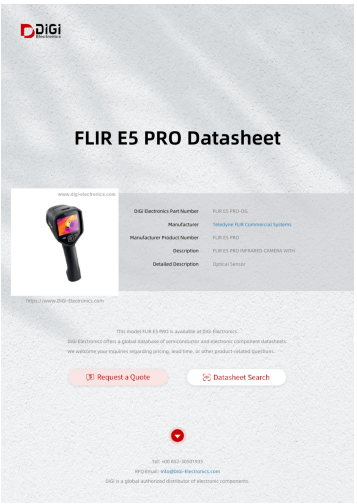
Related Documents - E5 Pro

	FLIR Ex Series User Manual User manual for the FLIR Ex series thermal cameras, covering setup, operation, features, maintenance, and safety information. Learn how to use your FLIR Ex camera effectively.
	FLIR Cx Series User's Manual User's manual for the FLIR Cx series thermal camera, covering setup, operation, image modes, measurement, saving, uploading, and device settings.
	FLIR Ex Pro Series Thermal Camera User Manual This user manual provides comprehensive guidance for operating the FLIR Ex Pro series thermal cameras. It covers essential safety information, getting started procedures, detailed explanations of camera features, measurement tools, image modes, connectivity options, maintenance, and software updates. Essential reading for users of FLIR Ex Pro thermal imaging devices.

	[FLIR E75 24° Thermal Camera: Specifications and Features]() Comprehensive technical specifications and feature overview for the FLIR E75 24° thermal camera (Model P/N: 78502-0101). Details include imaging capabilities, resolution, NETD, field of view, measurement analysis, connectivity options (USB, Wi-Fi, Bluetooth), power system, environmental ratings, physical dimensions, shipping information, and included accessories. Also includes a summary of the CE Declaration of Conformity.
	[FLIR Ex Pro-Series Infrared Thermal Cameras - Datasheet]() Detailed specifications, features, and applications for the FLIR Ex Pro-Series infrared thermal cameras, including models E5 Pro, E6 Pro, and E8 Pro, with cloud Ignite™ connectivity.
	[FLIR i-Series Infrared Cameras: Affordable Point-and-Shoot Thermal Imaging]() Discover the FLIR i-Series, offering affordable and powerful point-and-shoot infrared cameras like the FLIR i3, i5, and i7. Learn about their features, specifications, and applications for electrical, industrial, and building diagnostics.

Documents - FLIR – E5 Pro



[pdf] Datasheet

FLIR E5 PRO Datasheet flir datasheet details DiGi Electronics FLIRE5PRO digi electronics 979 ||| FLIR **E5 PRO** Datasheet DiGi Electronics Part Number Manufacturer Manufacturer Product Number Description Detailed Description FLIR **E5 PRO**-DG Teledyne FLIR Commercial Systems FLIR **E5 PRO** FLIR **E5 PRO** INFRARED CAMERA WITH Optical Sensor https://www.DiGi-Electronics.com This model FLIR **E5 PRO** is avail... lang:en score:27 filesize: 1.24 M page_count: 3 document date: 0000-00-00

FLIR

FLIR Ex PRO SOROZAT
Pro sorozatú infravörös kamerák
Ignite™ felhővel

Fő jellemzők:

- A FLIR MSX® (Multi-Spectral Dynamic Imaging, többspektrumú dinamikus képalkotás) segítségével gyorsan felismerheti a problémák helyét, a hőképekre vetítve a legfontosabb vizuális részleteket
- Takarítsa meg a manuális beállítások idejét az 1-Touch Level/Span segítségével
- A 640 x 480-as érintőképernyő segítségével javíthat az ellenőrzés hatékonyságán annak köszönhetően, hogy részletes jegyzeteket képes hozzáadni az egyes képekhez
- A FLIR Ignite felhőszolgáltatás segítségével szerkesztheti, tárolhatja, rendszerezheti és megoszthatja képeit
- Hozzon létre gyorsjelentéseket a FLIR Ignite-ban bármilyen eszközről, vagy hozzon létre speciális jelentéseket a FLIR Thermal Studio-ban egy számítógépről

Fő alkalmazások:

- Elektromos és mechanikus berendezések ipari ellenőrzései
- A problémás berendezés állapotának ellenőrzése és megelőző karbantartása meghibásodás előtt
- Ellenőrzések összeállítása az energiahatékonyság biztosítása érdekében

www.flir.com/ex-pro

SPECIFIKÁCIÓK

	E5 Pro	E6 Pro	E8 Pro
Egyedi jellemzők modell szerint			
Infravörös felbontás	160 × 120 (19 200 pixel)	240 × 180 (43 200 pixel)	320 × 240 (76 800 pixel)
Termikus érzékenység/NETD	< 0,06 °C (0,11 °F)/ < 60 mK 30 °C-on (86 °F)	< 0,05 °C (0,09 °F)/ < 50 mK 30 °C-on (86 °F)	< 0,04 °C (0,07 °F)/ < 40 mK 30 °C-on (86 °F)
Térbeli felbontás (IFOV)	3,7 mrad	2,5 mrad	1,8 mrad
Ellenőrzési hatékonyság			
Multi-Spectral Dynamic Imaging (Többspektrumú dinamikus képalkotás, MSX)	Látható kamerakép-részletekkel feljavított infravörös kép		
FLIR Ignite	Azonnali feltöltés felhőtárhelyre Wi-Fi-n keresztül		
FLIR Thermal Studio programcsomag	Kompatibilis az elemző és jelentéskészítő szoftverek teljes skálájával		
Kapacitív érintőképernyő	Hozzáférés a képernyőn megjelenő menükhöz, a funkciókhoz és a billentyűzethez		
Szöveg	Szöveges megjegyzések a képen a képernyő-billentyűzet segítségével		
Galéria	Miniatűrök és egyéni mappastruktúra		
1-Touch Level/Span	Igen; automatikus kontrasztkiemelés		
Képalkotó és optikai			
Látómező (FOV)	33° × 25°		
Fókusz	Rögzített fókusz		
Kép frekvenciája	9 Hz		
Színpaletták	Vas, forró fehér, forró fekete, szivárvány, sarkvidék, láva, szivárvány HC		
Digitális kamera	5 MP		
Kép a képben	Infravörös terület a vizuális képen		
Detektor típusa	Hűtetlen mikrobolométer		

	E5 Pro	E6 Pro	E8 Pro
Képalkotás és optikai (folytatás)			
Képmódok	Termikus MSX, hő, kép a képben, digitális kamera		
Minimális fókusztávolság	0,36 m (1,18 láb)		
Spektrális tartomány	7,5–13 µm		
Mérés és elemzés			
Pontosság	±2 °C (±3,6 °F) vagy a leolvasott érték ±2%-a, 10 °C és 35 °C (50 °F és 95 °F) közötti környezeti hőmérséklet és 0 °C (32 °F) feletti tárgyhőmérséklet esetén		
A tárgy hőmérsékleti tartománya	-20 °C és 400 °C (-4 °F és 752 °F) között, két tartományban	-20 °C és 550 °C (-4 °F és 1022 °F) között, két tartományban	
Mérések javítása	Sugárzási képesség; matt/félmatt/félmatt + egyéni érték, visszavert látszólagos hőmérséklet, légköri kompenzáció		
Beállítási parancsok	A mértékegységek, a nyelv, a dátum és az időformátum helyi beállítása		
Szpotméter	Középpont; keret min./max. értékkel		
Izoterm	Riasztás felett, riasztás alatt		
Delta T	Igen, az NFPA 70B-nek megfelelő		
Felhasználói felület			
Kijelző	3,5 hüvelykes, 640 × 480-as színes LCD-monitor		
Zseblámpa	Világos LED		
Teljesítmény			
Az akkumulátor üzemideje	4 óra		
Az akkumulátor típusa	Újratölthető lítium-ion akkumulátor		
Töltési rendszer	Az akkumulátor töltése a kamera belsejében vagy külön töltőben		
Töltési idő	2 óra		
Energiagazdálkodás	Automatikus leállítás		

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FLIR Ex PRO SOROZAT flir e5 pro hokamera adatlap sensortech hu |||

FLIR Ex PRO SOROZAT Pro sorozat infravrs kamerk IgniteTM felhvel SPECIFIKCIK **E5 Pro** E6 Pro E8 Pro Egyedi jellemzk modell szerint Infravrs felbonts Termikus rzkenysg/NETD 160 120 19 200 pixel 0,06 C 0,11 F / 60 mK 30 C-on 86 F Trbeli felbonts IFOV 3,7 mrad 240 180 43 200 pixel...

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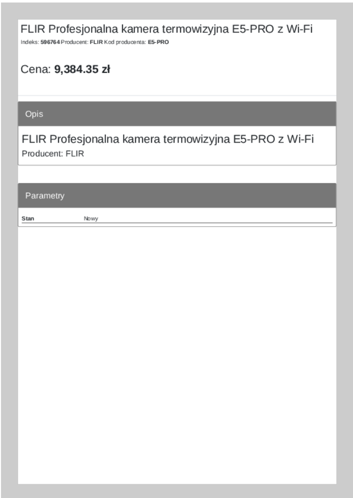

FLIR Profesjonalna kamera termowizyjna E5-PRO z Wi-Fi

Indeks: **596764** Producent: **FLIR** Kod producenta: **E5-PRO**

Cena: **9,384.35 zł**

Opis

FLIR Profesjonalna kamera termowizyjna E5-PRO z Wi-Fi
Producent: FLIR

Parametry

Stan	Nowy

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FLIR Profesjonalna kamera termowizyjna E5 PRO z Wi Fi Sklep internetowy stylem pl flir profesjonalna e5 pro wi fi 596764 upload files product |||

FLIR Profesjonalna kamera termowizyjna **E5 PRO** z Wi-Fi Indeks: 596764 Producent: FLIR Kod producenta: **E5 PRO** Cena: 9,384.35 zl Opis FLIR Profesjonalna kamera termowizyjna **E5 PRO** z Wi-Fi Producent: FLIR Parametry Stan Nowy ...

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FLIR

FLIR SERIE Ex PRO
Termocamere Pro-Series
con Ignite™ Cloud

Caratteristiche principali:

- Individua rapidamente dove si trovano i problemi grazie a FLIR MSX® (Multi-Spectral Dynamic Imaging), che integra i dettagli visivi chiave nelle immagini termiche
- Risparmia tempo prezioso sulle regolazioni manuali grazie a 1-Touch Level/Span
- Migliora l'efficienza delle ispezioni con il touchscreen 640 × 480, con la possibilità di aggiungere note dettagliate a ogni immagine
- Modifica, archivia, organizza e condividi immagini utilizzando il servizio cloud FLIR Ignite
- Crea rapidamente rapporti su FLIR Ignite da qualsiasi dispositivo o crea rapporti avanzati su FLIR Thermal Studio da un PC

Applicazioni principali:

- Ispezioni industriali di apparecchiature elettriche e meccaniche
- Monitoraggio delle condizioni e manutenzione preventiva delle apparecchiature degradate prima del guasto
- Ispezioni degli edifici per garantire l'efficienza energetica

www.flir.com/ex-pro

SPECIFICHE

	E5 Pro	E6 Pro	E8 Pro
Caratteristiche uniche per ogni modello			
Risoluzione IR	160 × 120 (19.200 pixel)	240 × 180 (43.200 pixel)	320 × 240 (76.800 pixel)
Sensibilità termica/NETD	<0,06°C (0,11°F)/ <60 mK a +30°C (86°F)	<0,05°C (0,09°F)/ <50 mK a +30°C (86°F)	<0,04°C (0,07°F)/ <40 mK a +30°C (86°F)
Risoluzione spaziale (IFOV)	3,7 mrad	2,5 mrad	1,8 mrad
Efficienza di ispezione			
MSX (Multi-spectral Dynamic Imaging)	Immagine IR arricchita dal dettaglio della fotocamera		
FLIR Ignite	Caricamento istantaneo su archiviazione cloud tramite Wi-Fi		
FLIR Thermal Studio Suite	Compatibile con la gamma completa di software di analisi e reporting		
Touchscreen capacitivo	Accesso a menu, funzioni e tastiera sullo schermo		
Testo	Annotazione di testo sull'immagine utilizzando la tastiera sullo schermo		
Galleria	Miniature e struttura personalizzata delle cartelle		
1-Touch Livello/Campo	Sì; ottimizzazione automatica del contrasto		
Imaging e ottiche			
Campo visivo (FOV)	33° × 25°		
Messa a fuoco	Focus free		
Frequenza immagine	9 Hz		
Tavolozze colori	Ferro, bianco caldo, nero caldo, arcobaleno, artico, lava, arcobaleno HC		
Fotocamera digitale	5 MP		
Picture-in-Picture	Area IR sull'immagine visiva		
Tipo sensore	Microbolometro non raffreddato		

	E5 Pro	E6 Pro	E8 Pro
Imaging e ottiche continue			
Modalità immagine	MSX termica, termica, picture-in-picture, fotocamera digitale		
Distanza minima di messa a fuoco	0,36 m (1,18 ft)		
Banda spettrale	7,5-13 µm		
Misurazioni e analisi			
Accuratezza	±2 °C o ±2% della lettura, per temperatura ambiente da 10 °C a 35 °C e temperatura oggetto sopra 0 °C		
Intervallo di temperature	Da -20 °C a 400 °C in due gamme	Da -20 °C a 550 °C in due gamme	
Correzione delle misurazioni	Emissività; opaco/semi-opaco/semi-lucido + valore personalizzato, temperatura apparente riflessa, compensazione atmosferica		
Comandi di configurazione	Impostazione unità locale, lingua, formati data e ora		
Puntatore a spot	Punto centrale; area con min/max		
Isoterme	Allarme sopra soglia, allarme sotto soglia		
Delta T	Sì, conforme a NFPA 70B		
Interfaccia utente			
Display	LCD a colori da 3,5 pollici 640 × 480		
Illuminatore	Potente LED		
Alimentazione			
Autonomia della batteria	4 ore		
Tipo batteria	Batteria ricaricabile agli ioni di litio		
Sistema di carica	La batteria viene caricata all'interno dell'unità o in un caricabatterie specifico		
Tempo di carica	2 ore		
Gestione alimentazione	Spegnimento automatico		

Le specifiche sono soggette a modifiche. Per le specifiche più aggiornate, visita flir.com.

Per maggiori informazioni, invia un'e-mail a: **Sales@TeledyneFLIR.com** in alternativa, per trovare il numero dell'assistenza locale, visita: **flir.com/contactsupport**
www.teledyneflir.com

[pdf] Datasheet

FLIR E5 Pro IR camera 20 up to 550 °C 9 Hz Conrad datasheet 2937112 flir e5 pro ir c hz asset conrad media10 add 160267 c1 it 002937112DS00 |||

FLIR SERIE Ex PRO Termocamere Pro-Series con IgniteTM Cloud SPECIFICHE **E5 Pro** E6 Pro E8 Pro Caratteristiche uniche per ogni modello Risoluzione IR 160 120 19.200 pixel Sensibilit termica/NETD 0,06C 0,11F / 60 mK a 30C 86F Risoluzione spaziale IFOV 3,7 mrad 240 180 43.200 pix...

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FLIR Ex PRO-SERIE Infrarotkameras: Technische Daten und Merkmale

Umfassende technische Daten, Hauptmerkmale und Anwendungen für die FLIR Ex PRO-SERIE Infrarotkameras, einschließlich E5 Pro, E6 Pro und E8 Pro Modelle.

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[pdf] Datasheet

FLIR E5 Pro IR camera 20 up to 550 °C 9 Hz Conrad datasheet 2937112 flir e5 pro ir c hz asset conrad media10 add 160267 c1 hu 002937112DS00 |||

FLIR Ex PRO SOROZAT Pro sorozat infravrs kamerk IgniteTM felhvel SPECIFIKCIK **E5 Pro** E6 Pro E8 Pro Egyedi jellemzk modell szerint Infravrs felbonts Termikus rzkenysg/NETD 160 120 19 200 pixel 0,06 C 0,11 F / 60 mK 30 C-on 86 F Trbeli felbonts IFOV 3,7 mrad 240 180 43 200 pixel...

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[pdf] Datasheet

FLIR E5 Pro IR camera 20 up to 550 °C 9 Hz Conrad datasheet 2937112 flir e5 pro ir c hz asset conrad media10 add 160267 c1 pl 002937112DS00 |||

FLIR SERIA Ex PRO Kamery termowizyjne Pro-Series z chmur IgniteTM Najwaniejsze cechy: Szybko rozpo ... spekcje budynkw w celu zapewnienia efektywnoci energetycznej DANE TECHNICZNE www.flir.com/ex-pro **E5 Pro** E6 Pro E8 Pro Unikatowe cechy wedlug modelu Rozdzielczo w podczerwieni Czulo termiczna/NE...

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FLIR

SERIE Ex PRO DE FLIR
Cámara de infrarrojos serie Pro con Ignite™ Cloud

Características principales:
- Reconozca rápidamente dónde se encuentran los problemas gracias a FLIR MSX® (imagen térmica multiespectral), que graba detalles visuales clave en las termografías
- Ahorre tiempo a la hora de realizar ajustes manuales con 1-Touch Level/Span
- Mejore la eficiencia de la inspección con la pantalla táctil de 640 × 480; con la capacidad de agregar notas detalladas a cada imagen
- Edite, almacene, organice y comparta imágenes con el servicio en la nube de FLIR Ignite
- Cree informes rápidos en FLIR Ignite desde cualquier dispositivo o cree informes avanzados en FLIR Thermal Studio desde una PC

Aplicaciones principales:
- Inspecciones industriales de equipos eléctricos y mecánicos
- Supervisión del estado y mantenimiento preventivo de los equipos en degradación antes de que fallen
- Inspecciones de edificios para garantizar la eficiencia energética

www.flir.com/es-pro

ESPECIFICACIONES

	E5 Pro	E6 Pro	E8 Pro
Características únicas por modelo			
Resolución de IR	160 × 120 (19,200 píxeles)	240 × 180 (43,200 píxeles)	320 × 240 (76,800 píxeles)
Sensibilidad térmica/NETD	<0.05 °C (0.09 °F) / <50 mK a 30 °C (86 °F)	<0.05 °C (0.09 °F) / <30 mK a 30 °C (86 °F)	<0.04 °C (0.07 °F) / <40 mK a 30 °C (86 °F)
Resolución espacial (IFOV)	3.2 mrad	2.3 mrad	1.8 mrad
Eficiencia de inspección			
Imagen térmica multiespectral (MSX)	Imagen de IR enriquecida con detalle de cámara visible		
FLIR Ignite	Cargá instantáneamente el trabajo empezado en cualquier dispositivo		
Paquete FLIR Thermal Studio	Compatible con toda la gama de software de análisis e informes		
Pantalla táctil capacitiva	Acceso a menús, funciones y tecla de pantalla		
Teclas	Anotación de texto en la imagen mediante el teclado en pantalla		
Cámara	Miniaturas y estructura personalizada de carpetas		
1-Touch Level/Span	IL mejora de contraste automática		
Generación de imágenes y óptica			
Campo de visión (FOV)	33° × 25°		
Enfoque	Enfoque fijo		
Frecuencia de imagen	9 Hz		
Paletas de colores	Iron, White Hot, Black Hot, Rainbow, Arctic, Lava, Rainbow HC		
Cámara digital	5 MP		
Imagen en imagen	Área de IR en imagen visual		
Tipo de detector	Microbolómetro no refrigerado		

	E5 Pro	E6 Pro	E8 Pro
Adquisición de imágenes y óptica continua			
Modos de imagen	MSX térmico, térmico, imagen en imagen, cámara digital		
Distancia focal mínima	0.06 m (0.19 ft)		
Rango espectral	7.5–13 µm		
Medición y análisis			
Precisión	±2 °C (±3.6 °F) o ±2 % de lectura, para temperatura ambiente de 15 a 35 °C (de 59 a 95 °F) y objetivos de objeto superior a 0 °C (32 °F)		
Rango de temperatura del objeto	De -20 °C a 400 °C (de -4 °F a 752 °F) en dos rangos	De -20 °C a 600 °C (de -4 °F a 1112 °F) en dos rangos	
Corrección de las mediciones	Emisividad, reales bajo reales/aceptables + valor personalizado, temperatura aparente reflejada, compensación atmosférica		
Conexión de configuración	Adaptador de toma de accesorios, adaptador de toma de accesorios		
Calibrado	Punto central, cuatro puntos, multi.		
Cálculo isotérmico	Alarma de exceso, alarma de defecto		
Cámara 2	2.1 compatible con MPEG-TAD		
Interfaz de usuario			
Pantalla	LCD en color de 3.5" (640 × 480)		
Lenguaje	Inglés LCD		
Alimentación			
Tiempo de funcionamiento de la batería	4 horas		
Tipo de batería	Batería de ions de litio recargable		
Sistema de carga	La batería se carga dentro de la cámara o en un cargador externo		
Tiempo de carga	2 h		
Gestión energética	Apagado automático		

* Especificaciones opcionales o de prueba. Visite flir.com para conocer las especificaciones más recientes.

Para obtener más información, póngase en contacto con:
SalesJpTeledyneFLIR.com
o para encontrar su número de asistencia local, visite:
flir.com/contactsupport
www.teledyneflir.com

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Revisión del documento: 000000
Número de parte: Consumer-LTR-(XXXXXX)

[pdf] Datasheet

FLIR E5 Pro IR camera 20 up to 550 °C 9 Hz Conrad datasheet 2937112 flir e5 pro ir c hz asset conrad media10 add 160267 c1 es 002937112DS00 |||

SERIE Ex PRO DE FLIR Cmara de infrarrojos serie Pro con IgniteTM Cloud Caractersticas principales: ... lquier dispositivo o cree informes avanzados en FLIR Thermal Studio desde una PC ESPECIFICACIONES **E5 Pro** E6 Pro E8 Pro Caractersticas nicas por modelo Resolucin de IR Sensibilidad trmica/NETD 1... lang:es score:25 filesize: 228.35 K page_count: 2 document date: 2023-08-29

FLIR

FLIR Ex PRO-SERIES
Caméras infrarouges de la série Pro avec cloud Ignite™

Principales fonctionnalités :
- Identifiez rapidement l'emplacement des problèmes grâce à FLIR MSX® (imagerie dynamique multispectrale), qui superpose des détails visuels clés sur les images thermiques
- Économisez du temps sur les réglages manuels de niveau et de plage avec le 1touchlevel/span + 1-Touch Level/Span +.
- Améliorez l'efficacité de l'inspection à l'aide de l'écran tactile 640 × 480, avec la capacité d'ajouter des notes détaillées sur chaque image
- Modifiez, stockez, organisez et partagez des images à l'aide du service cloud FLIR Ignite
- Créez des rapports rapides dans FLIR Ignite depuis n'importe quel appareil ou créez des rapports avancés dans FLIR Thermal Studio depuis un PC

Principales applications :
- Inspections industrielles des équipements électriques et mécaniques
- Surveillance de l'état et entretien préventif des équipements en cours de dégradation avant la défaillance
- Inspections des bâtiments pour garantir l'efficacité énergétique

www.flir.com/es-pro

SPÉCIFICATIONS

	E5 Pro	E6 Pro	E8 Pro
Fonctionnalités uniques par modèle			
Résolution IR	160 × 120 (19,200 pixels)	240 × 180 (43,200 pixels)	320 × 240 (76,800 pixels)
Sensibilité thermique/NETD	<0.05 °C (0.09 °F) / <50 mK à 30 °C (86 °F)	<0.05 °C (0.09 °F) / <30 mK à 30 °C (86 °F)	<0.04 °C (0.07 °F) / <40 mK à 30 °C (86 °F)
Résolution spatiale (IFOV)	3.2 mrad	2.3 mrad	1.8 mrad
Efficacité de l'inspection			
Imagerie thermique multispectrale (MSX)	Image IR améliorée par les détails de caméra à lumière visible		
FLIR Ignite	Téléchargement instantané vers le stockage cloud sur Wi-Fi		
FLIR Thermal Studio Suite	Compatible avec une gamme complète de logiciels d'analyse et de création de rapports		
Ecran tactile capacitif	Accès aux menus, fonctionnalités et clavier à l'écran		
Touche	Annotation de texte sur l'image à l'aide du clavier à l'écran		
Bibliothèque d'images	Miniatures et gestion des dossiers personnalisés		
1touchlevel/1-Touch Level/Span	IL+ : amélioration automatique du contraste		
Données image et optiques			
Champ de vision (CdV)	33° × 25°		
Mise au point	Sans mise au point		
Fréquence des images	9 Hz		
Palettes de couleurs	Fer, Noir chaud, noir froid, arc-en-ciel, arctique, lave, arc-en-ciel HC		
Caméra numérique	5 MP		
Incrustation d'image	Zone IR sur l'image à lumière visible		
Type de détecteur	Microbolomètre non refroidi		

	E5 Pro	E6 Pro	E8 Pro
Imagerie et optique Suite			
Modes d'imagerie	Image thermique, mode MSX, image thermique, incrustation d'image, caméra numérique		
Distance minimale de mise au point	0.06m		
Gamme spectrale	7.5–13 µm		
Mesure et analyse			
Précision	±2 °C ou ±2 % du relevé, pour une température ambiante de 15 °C à 35 °C et une température d'objet supérieure à 0 °C		
Plage de températures de l'objet	-20 °C à 400 °C en deux plages	-20 °C à 600 °C en deux plages	
Correction des mesures	Émissivité : réel/réel+haut/haut+brillant + valeur personnalisée, température apparente réfléchie, compensation atmosphérique		
Connexions de configuration	Adaptateur toute-fin, entrée, dongles, formule de station d'ancrage		
Point de mesure	Point central : zone délimitée avec mini-plage.		
Isotherme	Alarme supérieure, alarme inférieure		
Delta T	Oui, conforme à la norme MPEG-TAD		
Interface utilisateur			
Écran	Ecran LCD couleur 640 x 480 de 3,5 po		
Langue de menu	Tchèque LCD		
Puissance			
Autonomie de la batterie	4 heures		
Type de batterie	Batterie lithium-ion rechargeable		
Système de charge	La batterie est chargée dans la caméra ou dans un chargeur externe		
Temps de charge	2 heures		
Gestion de l'alimentation	Arrêt automatique		

Les spécifications peuvent être modifiées. Pour obtenir des caractéristiques les plus récentes, rendez-vous sur flir.com.

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www.teledyneflir.com

Révision du document: 000000
Numéro de pièce: Consumer-LTR-(XXXXXX)

FLIR Ex PRO-SERIES Caméras Infrarouges - Fiche Technique

Fiche technique détaillée des caméras infrarouges FLIR Ex PRO-SERIES, incluant les modèles E5 Pro, E6 Pro et E8 Pro, avec leurs spécifications, fonctionnalités et applications pour l'inspection industrielle et la surveillance de l'état.

lang:fr score:25 filesize: 233 K page_count: 2 document date: 2023-08-29

FLIR

FLIR Ex PRO-SERIES
Pro-Series Infrared Cameras with Ignite™ Cloud

Key Features:
- Quickly recognize where problems are located thanks to FLIR MSX® (Multi-Spectral Dynamic Imaging), which embosses key visual details onto thermal images
- Save time spent on manual adjustments with 1-Touch Level/Span
- Improve inspection efficiency using the 640 × 480 touchscreen, with the ability to add detailed notes to each image
- Edit, store, organize, and share images using the FLIR Ignite cloud service
- Create quick reports in FLIR Ignite from any device, or create advanced reports in FLIR Thermal Studio from a PC

Main Applications:
- Industrial inspections of electrical and mechanical equipment
- Condition monitoring and preventive maintenance of degrading equipment before failure
- Building inspections to ensure energy efficiency

SPECIFICATIONS

	E5 Pro	E6 Pro	E8 Pro
Unique Features by Model			
IR Resolution	160 × 120 (19,200 pixels)	240 × 180 (43,200 pixels)	320 × 240 (76,800 pixels)
Thermal Sensitivity/NETD	<0.05°C (0.09°F) / <50 mK at 30°C (86°F)	<0.05°C (0.09°F) / <30 mK at 30°C (86°F)	<0.04°C (0.07°F) / <40 mK at 30°C (86°F)
Spatial Resolution (IFOV)	3.2 mrad	2.3 mrad	1.8 mrad
Inspection Efficiency			
Main Special Dynamic Imaging (MSX)	IR image enhanced with visible camera detail		
FLIR Ignite	Instant upload to cloud storage over Wi-Fi		
FLIR Thermal Studio Suite	Compatible with full range of analysis and reporting software		
Capacitive Touchscreen	Access to on-screen menus, features, and keypad		
Text	Text annotation on image using onscreen keyboard		
Gallery	Thumbnails and custom folder structure		
1-Touch Level/Span	Yes: automatic contrast enhancement		
Imaging & Optical			
Field of view (FOV)	33° × 25°		
Focus	Focus free		
Image frequency	9 Hz		
Color Palettes	Iron, White Hot, Black Hot, Rainbow, Arctic, Lava, Rainbow HC		
Digital Camera	5 MP		
Picture-in-Picture	IR area on visual image		
Detector Type	Uncooled microbolometer		

	E5 Pro	E6 Pro	E8 Pro
Imaging & Optical Continued			
Imaging Modes	Thermal/MSX, thermal, picture-in-picture, digital camera		
Minimum Focus Distance	0.06 m (0.19 ft)		
Spectral Range	7.5–13 µm		
Measurement & Analysis			
Accuracy	±2°C (±3.6°F) or ±2% of reading, for ambient temperature 15°C to 35°C (59°F to 95°F) and object temperatures above 0°C (32°F)		
Object Temperatures Range	-20°C to 400°C (-4°F to 752°F) in two ranges	-20°C to 600°C (-4°F to 1112°F) in two ranges	
Measurements Corrections	Emissivity: real/real+/real+bright + custom value, reflected apparent temperature, atmospheric compensation		
Set-up Connexions	Local adaptation of units, languages, date and time formats		
Spot Meter	Centre spot, two authorities, areas		
Isotherm	Alarms above, below alarm		
Delta T	Yes, MPEG TAD compliant		
User Interface			
Display	3.5 inch, 640 × 480 color LCD		
Flashlight	Bright LED		
Power			
Battery Operating Time	4 hours		
Battery Type	Rechargeable Lithium-ion battery		
Charging System	Battery is charged inside the camera or in specific charger		
Charging Time	2 h		
Power Management	Automatic shut-down		

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Document Revision: 000000
Part Number: Consumer-LTR-(XXXXXX)

1.888.610.7664 www.calcert.com sales@calcert.com

FLIR Ex PRO-SERIES Infrared Cameras: E5 Pro, E6 Pro, E8 Pro Datasheet

Discover the capabilities of the FLIR Ex PRO-SERIES Pro-Series Infrared Cameras (E5 Pro, E6 Pro, E8 Pro). This datasheet details features like MSX, Ignite cloud connectivity, and applications for industrial and building inspections.

lang:en score:25 filesize: 254 K page_count: 2 document date: 2022-11-24

FLIR Ex PRO-SERIES
Pro-Series Infrared Cameras with Ignite™ Cloud

Key Features:
- Quickly recognize where problems are located thanks to FLIR MSX® (Multi-Spectral Dynamic Imaging), which embosses key visual details onto thermal images
- Save time spent on manual adjustments with 1-Touch Level/Span
- Improve inspection efficiency using the 640 × 480 touchscreen, with the ability to add detailed notes to each image
- Edit, store, organize, and share images using the FLIR Ignite cloud service
- Create quick reports in FLIR Ignite from any device, or create advanced reports in FLIR Thermal Studio from a PC

Main Applications:
- Industrial inspections of electrical and mechanical equipment
- Condition monitoring and preventive maintenance of degrading equipment before failure
- Building inspections to ensure energy efficiency

www.flir.com/ex-pro

SPECIFICATIONS

	E5 Pro	E6 Pro	E8 Pro
Unique Features by Model			
IR Resolution	160 × 120 (19,200 pixels)	240 × 180 (43,200 pixels)	320 × 240 (76,800 pixels)
Thermal Sensitivity/NETD	<0.09° C @ 30°C (+86°F)	<0.05° C @ 30°C (+86°F)	<0.04° C @ 30°C (+86°F)
Spatial Resolution (IFOV)	3.7 mrad	2.5 mrad	1.9 mrad
Inspection Efficiency			
Multi-Spectral Dynamic Imaging (MSX)	IR image enhanced with visible camera detail		
FLIR Ignite	Instant upload to cloud storage over Wi-Fi		
FLIR Thermal Studio Suite	Compatible with full range of analysis and reporting software		
Capacitive Touchscreen	Access to onscreen menus, features, and keyboard		
Text	Text annotation on image using onscreen keyboard		
Gallery	Thumbnails and custom folder structure		
1-Touch Level/Span	Yes; automatic contrast enhancement		
Imaging & Optical			
Field of view (FOV)	32° × 25°		
Focus	Focus free		
Image Frequency	9 Hz		
Color Palettes	Iron, White Hot, Black Hot, Rainbow, Arctic, Lava, Rainbow HC		
Digital Camera	5 MP		
Picture-in-Picture	IR area on visual image		
Detector Type	Uncooled microbolometer		

	E5 Pro	E6 Pro	E8 Pro
Imaging & Optical Continued			
Image Modes	Thermal MSX, thermal, picture-in-picture, digital camera		
Minimum Focus Distance	0.06 m (0.19 ft)		
Spectral Range	7.5–13 µm		
Measurement & Analysis			
Accuracy	±2°C (±3.6°F) or ±2% of reading, for ambient temperature 10°C to 35°C (50°F to 95°F) and object temperature above 0°C (32°F)		
Object Temperature Range	-20°C to 400°C (-4°F to 752°F) in two ranges	-20°C to 600°C (-4°F to 1112°F) in two ranges	
Measurements Correction	Emissivity; reflected apparent temperature; atmospheric compensation		
Set-up Commands	Local adaptation of units, language, date and time formats		
Spot Meter	Center spot; two with min. /max.		
Isotherm	Above alarm; below alarm		
Delta T	Yes; NIPA 700 compliant		
User Interface			
Display	3.5 inch; 640 × 480 color LCD		
Flashlight	Bright LED		
Power			
Battery Operating Time	4 hours		
Battery Type	Rechargeable Lithium-ion battery		
Charging System	Battery is charged inside the camera or in specific charger		
Charging Time	2 h		
Power Management	Automatic shut-down		

Specifications subject to change. For the most up-to-date specifications, please visit flir.com

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Revised 08/09/22
For Pro Series, Datasheet (TR-EN-Web-AW)

[FLIR Ex PRO-SERIES Infrared Cameras with Ignite Cloud - Datasheet]

Detailed specifications and features for the FLIR Ex PRO-SERIES infrared cameras, including models E5 Pro, E6 Pro, and E8 Pro. Highlights include MSX technology, 1-Touch Level/Span, Ignite cloud connectivity, and applications in industrial inspections, condition monitoring, and building diagnostics.

lang:en score:25 filesize: 231.17 K page_count: 2 document date: 2023-08-29

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FLIR E5 PRO
Pro-Series Infrared Cameras with Ignite™ Cloud

Key Features:
- Quickly recognize where problems are located thanks to FLIR MSX® (Multi-Spectral Dynamic Imaging), which embosses key visual details onto thermal images
- Save time spent on manual adjustments with 1-Touch Level/Span
- Improve inspection efficiency using the 640 × 480 touchscreen, with the ability to add detailed notes to each image
- Edit, store, organize, and share images using the FLIR Ignite cloud service
- Create quick reports in FLIR Ignite from any device, or create advanced reports in FLIR Thermal Studio from a PC

Main Applications:
- Industrial inspections of electrical and mechanical equipment
- Condition monitoring and preventive maintenance of degrading equipment before failure
- Building inspections to ensure energy efficiency

www.flir.com/ex-pro

SPECIFICATIONS

	E5 Pro
Unique Features by Model	
IR Resolution	160 × 120 (19,200 pixels)
Thermal Sensitivity/NETD	<0.09° C @ 30°C (+86°F)
Spatial Resolution (IFOV)	3.7 mrad
Inspection Efficiency	
Multi-Spectral Dynamic Imaging (MSX)	IR image enhanced with visible camera detail
FLIR Ignite	Instant upload to cloud storage over Wi-Fi
FLIR Thermal Studio Suite	Compatible with full range of analysis and reporting software
Capacitive Touchscreen	Access to onscreen menus, features, and keyboard
Text	Text annotation on image using onscreen keyboard
Gallery	Thumbnails and custom folder structure
1-Touch Level/Span	Yes; automatic contrast enhancement
Imaging & Optical	
Field of view (FOV)	32° × 25°
Focus	Focus free
Image Frequency	9 Hz
Color Palettes	Iron, White Hot, Black Hot, Rainbow, Arctic, Lava, Rainbow HC
Digital Camera	5 MP
Picture-in-Picture	IR area on visual image
Detector Type	Uncooled microbolometer

	E5 Pro
Imaging & Optical Continued	
Image Modes	Thermal MSX, thermal, picture-in-picture, digital camera
Minimum Focus Distance	0.06 m (0.19 ft)
Spectral Range	7.5–13 µm
Measurement & Analysis	
Accuracy	±2°C (±3.6°F) or ±2% of reading, for ambient temperature 10°C to 35°C (50°F to 95°F) and object temperature above 0°C (32°F)
Object Temperature Range	-20°C to 400°C (-4°F to 752°F) in two ranges
Measurements Correction	Emissivity; reflected apparent temperature; atmospheric compensation
Set-up Commands	Local adaptation of units, language, date and time formats
Spot Meter	Center spot; two with min. /max.
Isotherm	Above alarm; below alarm
Delta T	Yes; NIPA 700 compliant
User Interface	
Display	3.5 inch; 640 × 480 color LCD
Flashlight	Bright LED
Power	
Battery Operating Time	4 hours
Battery Type	Rechargeable Lithium-ion battery
Charging System	Battery is charged inside the camera or in specific charger
Charging Time	2 h
Power Management	Automatic shut-down

Specifications subject to change. For the most up-to-date specifications, please visit flir.com

Revised 08/09/22
For Pro Series, Datasheet (TR-EN-Web-AW)

[FLIR E5 Pro Infrared Camera Datasheet - Pro-Series with Ignite Cloud]

Detailed specifications, features, and applications for the FLIR E5 Pro Pro-Series Infrared Camera. Learn about its MSX technology, Ignite Cloud integration, and suitability for industrial, mechanical, and building inspections. Distributed by Reduction Revolution Pty Ltd.

lang:en score:24 filesize: 188.34 K page_count: 2 document date: 2023-10-05

SENSOR PARTNERS

FLIR Ex PRO-SERIES
Pro-Series Infrared Cameras with Ignite™ Cloud

Key Features:
- Quickly recognize where problems are located thanks to FLIR MSX® (Multi-Spectral Dynamic Imaging), which embosses key visual details onto thermal images
- Save time spent on manual adjustments with 1-Touch Level/Span
- Improve inspection efficiency using the 640 × 480 touchscreen, with the ability to add detailed notes to each image
- Edit, store, organize, and share images using the FLIR Ignite cloud service
- Create quick reports in FLIR Ignite from any device, or create advanced reports in FLIR Thermal Studio from a PC

Main Applications:
- Industrial inspections of electrical and mechanical equipment
- Condition monitoring and preventive maintenance of degrading equipment before failure
- Building inspections to ensure energy efficiency

SPECIFICATIONS

	E5 Pro	E6 Pro	E8 Pro
Unique Features by Model			
IR Resolution	160 × 120 (19,200 pixels)	240 × 180 (43,200 pixels)	320 × 240 (76,800 pixels)
Thermal Sensitivity/NETD	<0.09° C @ 30°C (+86°F)	<0.05° C @ 30°C (+86°F)	<0.04° C @ 30°C (+86°F)
Spatial Resolution (IFOV)	3.7 mrad	2.5 mrad	1.9 mrad
Inspection Efficiency			
Multi-Spectral Dynamic Imaging (MSX)	IR image enhanced with visible camera detail		
FLIR Ignite	Instant upload to cloud storage over Wi-Fi		
FLIR Thermal Studio Suite	Compatible with full range of analysis and reporting software		
Capacitive Touchscreen	Access to onscreen menus, features, and keyboard		
Text	Text annotation on image using onscreen keyboard		
Gallery	Thumbnails and custom folder structure		
1-Touch Level/Span	Yes; automatic contrast enhancement		
Imaging & Optical			
Field of view (FOV)	32° × 25°		
Focus	Focus free		
Image Frequency	9 Hz		
Color Palettes	Iron, White Hot, Black Hot, Rainbow, Arctic, Lava, Rainbow HC		
Digital Camera	5 MP		
Picture-in-Picture	IR area on visual image		
Detector Type	Uncooled microbolometer		

	E5 Pro	E6 Pro	E8 Pro
Imaging & Optical Continued			
Image Modes	Thermal MSX, thermal, picture-in-picture, digital camera		
Minimum Focus Distance	0.06 m (0.19 ft)		
Spectral Range	7.5–13 µm		
Measurement & Analysis			
Accuracy	±2°C (±3.6°F) or ±2% of reading, for ambient temperature 10°C to 35°C (50°F to 95°F) and object temperature above 0°C (32°F)		
Object Temperature Range	-20°C to 400°C (-4°F to 752°F) in two ranges	-20°C to 600°C (-4°F to 1112°F) in two ranges	
Measurements Correction	Emissivity; reflected apparent temperature; atmospheric compensation		
Set-up Commands	Local adaptation of units, language, date and time formats		
Spot Meter	Center spot; two with min. /max.		
Isotherm	Above alarm; below alarm		
Delta T	Yes; NIPA 700 compliant		
User Interface			
Display	3.5 inch; 640 × 480 color LCD		
Flashlight	Bright LED		
Power			
Battery Operating Time	4 hours		
Battery Type	Rechargeable Lithium-ion battery		
Charging System	Battery is charged inside the camera or in specific charger		
Charging Time	2 h		
Power Management	Automatic shut-down		

sensorpartners.com

[FLIR Ex Pro-Series Infrared Cameras: Specifications and Features]

Detailed specifications for the FLIR Ex Pro-Series infrared cameras, including models E5 Pro, E6 Pro, and E8 Pro. Features, applications, technical data, and accessories.

lang:en score:24 filesize: 532.2 K page_count: 2 document date: 2025-06-04

[pdf] Specifications Accessories

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lang:en score:24 filesize: 350.79 K page_count: 5 document date: 2023-09-19

FLIR Ex PRO-SERIES Infrared Cameras Datasheet | E5 Pro, E6 Pro, E8 Pro

Detailed datasheet for FLIR Ex PRO-SERIES infrared thermal cameras, including E5 Pro, E6 Pro, and E8 Pro models. Features, specifications, applications, and accessories.

lang:en score:23 filesize: 225.55 K page_count: 2 document date: 2023-08-24

[pdf] Datasheet

FLIR E5 Pro Infrarood Camera 160x120 met Ignite Cloud 13301 0101 Elektramat datasheet 401328226 filename* UTF 8 asset eezybridge 2a2828a1 ca59 4120 bd07 6cb709a85bb5 |||

E5 Pro Infrarood Camera 160x120 met Ignite Cloud 13301-0101 13301-0101 Specificaties Artikelnummer Fabrikantnummer EAN code Merk Productgroep Serie/Programma 401328226 13301-0101 4743254006454 FLIR Thermische camera Referentie/ Links www.elektramat.nl Productomschrijving Productomschrijving...

lang:nl score:23 filesize: 188.17 K page_count: 5 document date: 0000-00-00

elma instruments

EAN 4743254006454 / EL.NR 8023571

FLIR E5 Pro Termografikamera

Kompakt 160x120 pixel kamera med foto, MSX og Wi-Fi

[pdf]

FLIR E5 Pro Termografikamera EFObasen Kompakt 160x120 pixel kamera med foto MSX og Wi Fi er utstyrt en termisk detektor fotokamera 4743254006454 FDV NO efobasen efo no API Produktfiler LastNed id 1768817 |||

EAN 4743254006454 / EL.NR 8023571 FLIR **E5 Pro** Termografikamera Kompakt 160x120 pixel kamera med foto, MSX og Wi-Fi FLIR **E5 Pro** er utstyrt med en 160x120 pixel termisk detektor og fotokamera. Kameraet er ekstremt enkelt betjene, utviklet for de som vil komme i gang med termografi, men som ikke treng...

lang:no score:22 filesize: 202.95 K page_count: 2 document date: 0000-00-00

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FLIR

FLIR Ex PRO-SERIES

Pro-Series Infrared Cameras with Ignite™ Cloud

Key Features:

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- Building inspections to ensure energy efficiency

SPECIFICATIONS

	E3 Pro	E4 Pro	E6 Pro
Unique Features by Model			
IR Resolution	160 x 120 (19,200 pixels)	240 x 180 (43,200 pixels)	320 x 240 (76,800 pixels)
Thermal Sensitivity (NETD)	<0.10°C (0.1°C) / <40 mK at 30°C (86°F)	<0.10°C (0.10°C) / <50 mK at 30°C (86°F)	<0.10°C (0.10°C) / <50 mK at 30°C (86°F)
Spatial Resolution (IFOV)	3.7 mrad	2.5 mrad	1.8 mrad
Inspection Efficiency			
Multi-Spectral Dynamic Imaging (MSX)	IR image enhanced with visible camera detail		
FLIR Ignite	Instant upload to cloud storage over Wi-Fi		
FLIR Thermal Studio Suite	Compatible with full range of analysis and reporting software		
Capacitive Touchscreen	Access to on-screen menus, features, and keyboard		
Text	Text annotation on image using onscreen keyboard		
Gallery	Thumbnails and custom folder structure		
1-Touch Level/Span	Yes: automatic contrast enhancement		
Imaging & Optical			
Field of view (FOV)	33° x 25°		
Focus	Fixed Free		
Image Frequency	9 Hz		
Color Palettes	Iron, White Hot, Black Hot, Rainbow, Arctic, Lava, Rainbow HC		
Digital Camera	5MP		
Picture-in-Picture	IR sensor visual image		
Detector Type	Uncooled microbolometer		

	E3 Pro	E4 Pro	E6 Pro
Imaging & Optical Continued			
Image Modes	Thermal/MSX, thermal, picture-in-picture, digital camera		
Minimum Focus Distance	0.6m (1.96 ft)		
Spectral Range	7.5–13µm		
Measurement & Analysis			
Accuracy	±2°C (±3.6°F) or ±2% of reading, for ambient temperatures 10°C to 35°C (50°F to 95°F) and object temperatures above 0°C (32°F)		
Object Temperature Range	-20°C to +120°C (-4°F to +248°F) in low range;		-20°C to +350°C (-4°F to +662°F) in high range
Measurements Correction	Emissivity; reflected temperature; distance; atmospheric compensation		
Set-up Commands	Local adaptation of units, language, date and time formats		
Spot Meter	Center spot; box; box with min. max.		
Isotherm	Above alarm; below alarm		
Extra 1	Yes: NDVI 704 compliant		
User Interface			
Display	3.5 inch, 640 x 480 pixels LCD		
Flashlight	Bright LED		
Power			
Battery Operating Time	4 hours		
Battery Type	Rechargeable Lithium-ion battery		
Charging System	Battery is charged inside the camera or in a specific charger		
Charging Time	2 h		
Power Management	Automatic shut-down		

[FLIR Ex PRO-SERIES Infrared Cameras Datasheet - E5 Pro, E6 Pro, E8 Pro]

Comprehensive datasheet for FLIR Ex PRO-SERIES Pro-Series Infrared Cameras, detailing specifications, key features, applications, and accessories for models E5 Pro, E6 Pro, and E8 Pro with Ignite™ Cloud.

lang:en score:22 filesize: 99.33 K page_count: 2 document date: 2023-09-12

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FLIR E5 Pro

P/N: 13301-0101

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Kuvantamiskone ja -optiikka	
IR-resoluutio	160 × 120 pikselit	
Herkkyys (NETD)	60 mK	
Kuvakulma (FOV)	25° × 25°	
Minimitarkennusetäisyys	0,26 m	
Spatiaalinen resoluutio (IFOV)	3,7 milliradiaalia	
F-luku	1,4	
Kuvataajuus	9 Hz	
Tarkennus	Kiinteä tarkennus	
Fokusoituminen	5 MP	
Näytön		
Näytön tyyppi	TFT-LCD, jossa kosketuksella näkösuojaus	
Näytön resoluutio	720 × 720 pikseli	
Käyttöliittymä		
Näyttö	3,5" 640 × 480 LCD	
Kosketusnäyttö	Kyllä, optimoitu kosketusnäyttö	
Tekstiannotaatio	Teksti ja numerot IR kuvaa ylläpitävän kyläkamerat, näppäimistö, ja ohjelmisto	
Taskulamppu	LED taskulamppu	
Kenttä-ohjelmat		
Kenttä	Yhdistettävissä FLIR, Lämpötila, Kenttä-ohjelmat (PP), Etäohjaus, Yhdistaa	
Yhdistettävissä (MSX)	Lämpökuva näkyy kerätäessä yksityiskohtia	
Kenttä-ohjelmat PP	Lämpökuva voidaan rakentaa yksikä	

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FLIR PREMIUM PARTNER

FLIR E5 Pro

P/N: 13301-0101

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Website
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http://support.flir.com

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Imaging and optical data	
IR resolution	160 × 120 pixels
Thermal sensitivity/NETD	<0.07°C (0.12°F) / <80 mK at 30°C (86°F)
Field of view (FOV)	38° × 25
Minimum focus distance	0.36 m (1.18 ft.)
Spatial resolution (IFOV)	3.7 mrad
F-number	1.4
Image frequency	9 Hz
Focus	Fixed focus
Detector data	
Detector type	Focal plane array (FPA), uncooled microbolometer
Spectral range	7.5–13 µm
User interface	
Display	3.5 in. 640 × 480 color LCD
Touch screen	Capacitive touch
Text	Text annotation on image using onscreen keyboard
Flashlight	Manually activated bright LED
Image presentation	
Display	3.5 in. 640 × 480 color LCD
Image adjustment	Automatic/Manual
Image presentation modes	
Image modes	Thermal MSX, Thermal, Picture-in-Picture, Digital camera
Multi Spectral Dynamic Imaging (MSX)	IR image enhanced with visible camera detail
Picture in Picture	IR area on visual image

FLIR Ex PRO-SERIES
Pro-Series Infrared Cameras with Ignite™ Cloud

Key Features:
- Quickly recognize where problems are located thanks to FLIR MSX® (Multi-Spectral Dynamic Imaging), which embosses key visual details onto thermal images
- Save time spent on manual adjustments with 1-Touch Level/Span
- Improve inspection efficiency using the 640 × 480 touchscreen, with the ability to add detailed notes to each image
- Edit, store, organize, and share images using the FLIR Ignite cloud service
- Create quick reports in FLIR Ignite from any device, or create advanced reports in FLIR Thermal Studio from a PC

Main Applications:
- Industrial inspections of electrical and mechanical equipment
- Condition monitoring and preventive maintenance of degrading equipment before failure
- Building inspections to ensure energy efficiency

www.flir.com/ex-pro

SPECIFICATIONS

	E5 Pro	E8 Pro	E8 Pro
Unique Features by Model			
IR Resolution	160 × 120 (19,200 pixels)	240 × 180 (43,200 pixels)	320 × 240 (76,800 pixels)
Thermal Sensitivity/NETD	<0.06°C (0.11°F) / <60 mK at 30°C (86°F)	<0.05°C (0.09°F) / <50 mK at 30°C (86°F)	<0.04°C (0.07°F) / <40 mK at 30°C (86°F)
Spatial Resolution (IFOV)	3.7 mrad	2.5 mrad	1.9 mrad
Inspection Efficiency			
Multi-Spectral Dynamic Imaging (MSX)	IR image enhanced with visible camera detail		
FLIR Ignite	Instant upload to cloud storage over Wi-Fi		
FLIR Thermal Studio Suite	Compatible with full range of analysis and reporting software		
Capacitive Touchscreen	Access to onscreen menus, features, and keyboard		
Text	Text annotation or image using onscreen keyboard		
Gallery	Thumbnails and custom folder structure		
1-Touch Level/Span	Yes, automatic contrast enhancement		
Imaging & Optical			
Field of view (FOV)	38° × 25°		
Focus	Focus free		
Image frequency	9 Hz		
Color Palettes	Iron, White hot, Black hot, Rainbow, Arctic, Lava, Rainbow HC		
Digital Camera	5 MP		
Picture-in-Picture	IR area on visual image		
Dynamic Type	Elevated microbolometer		

	E5 Pro	E8 Pro	E8 Pro
Imaging & Optical Continued			
Image Modes	Thermal MSX, thermal, picture-in-picture, digital camera		
Minimum Focus Distance	0.36 m (1.18 ft)		
Spectral Range	7.5–13 µm		
Measurement & Analysis			
Accuracy	±2°C (±3.6°F) or ±2% of reading, for ambient temperature 10°C to 25°C (50°F to 77°F) and object temperature above 0°C (32°F)		
Object Temperature Range	-20°C to 100°C (-4°F to 212°F) in two ranges	-20°C to 350°C (-4°F to 662°F) in two ranges	
Measurements Correction	Emissivity; reflected temp; reflected temp; distance; relative humidity; atmospheric temperature; atmospheric transmission		
Set-up Commands	Local adjustment of units, language, date and time formats		
Spot Meter	Center spot; two-with-limit; three-		
Isotherm	Above alarm; below alarm		
Extra 7	Yes, NFPA 70B-compliant		
User Interface			
Display	3.5 inch, 640 × 480 color LCD		
Flashlight	Bright LED		
Power			
Battery Operating Time	4 hours		
Battery Type	Rechargeable Lithium-ion battery		
Charging System	Battery is charged inside the camera or in specific charger		
Charging Time	2 h		
Power Management	Automatic shut-down		

Specifications subject to change. For the most up-to-date specifications, please visit flir.com

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Revised 2/10/2023
FLIR Ex Pro Series Datasheet Issue 1.00 (P/N 70-401-0010-00)

[pdf] Specifications Datasheet Accessories

Datenblatt Data sheet E5 Pro 13301 0101 Wärmebildkamera dataTec Mess und Prüftechnik Die Experten Oszilloskope Netzgeräte Stromversorgungen Lasten Labormessgeräte Funktionsgeneratoren Spektrumanalysatoren Netzwerkanalysatoren Datenlogger DAQ Multimeter DMM Stromzangen Thermografie Temperatur Wärmebildkameras WBK Löttechnik Absaugsysteme Gerätetester Prüfgeräte VDE ESD Netzanalysatoren LAN Messgeräte Battery Test IoT E Mobility Automotive FLIR Systems Imaging and optical data IR resolution 160 × 120 pixels Thermal sensitivity NETD v1 easytest eg images products flir e5 pro pro1746353161 doc1 flir1746353161 srsltid AfmBOorDg V0xrY0A0AKSJmgzn9rBhaCxDjD79Q 3FSKcqdY6oy59Jid |||

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lang:en score:22 filesize: 396.98 K page_count: 5 document date: 2024-04-11

FLIR Ex Pro-Series Infrared Cameras: Datasheet and Specifications

Detailed datasheet for FLIR Ex Pro-Series infrared cameras (E5 Pro, E6 Pro, E8 Pro). Features, applications, technical specifications, and accessories for thermal imaging solutions.

lang:en score:22 filesize: 225.09 K page_count: 2 document date: 2025-01-10

FLIR Ex PRO-SERIE
Infrarotkameras der Pro-Serie mit Ignite™ Cloud

Hauptmerkmale:
- Erkennen Sie, wo die Probleme liegen, dank FLIR MSX® (Multi-Spectral Dynamic Imaging). Damit werden wichtige visuelle Details in Wärmebildern übernommen
- 1-Touch Level/Span – damit sparen Sie Zeit beim Vornehmen manueller Anpassungen
- Der Touchscreen mit einer Auflösung von 640 × 480 verbessert die Inspektionseffizienz. Damit können Sie zu jedem Bild detaillierte Notizen hinzufügen
- Bilder mit dem FLIR Ignite Cloud Service bearbeiten, speichern, organisieren und weitergeben
- In FLIR Ignite von jedem Gerät aus Berichte schnell erstellen, oder in FLIR Thermal Studio von einem PC aus erweiterte Berichte erstellen

Hauptanwendungen:
- Inspektion elektrischer und mechanischer Geräte in Industrieanlagen
- Zustandsüberwachung und vorausschauende Wartung von Geräten, die immer schlechter werden, bevor sie ganz ausfallen
- Inspektionen von Gebäuden, um deren Energieeffizienz zu gewährleisten

www.flir.com/ex-pro

TECHNISCHE DATEN

	E5 Pro	E8 Pro	E8 Pro
Einzigartige Merkmale nach Modell			
IR-Auflösung	160 × 120 (19,200 Pixel)	240 × 180 (43,200 Pixel)	320 × 240 (76,800 Pixel)
Thermische Empfindlichkeit / NETD	<0,06°C (0,11°F) / <60 mK bei 30°C (86°F)	<0,05°C (0,09°F) / <50 mK bei 30°C (86°F)	<0,04°C (0,07°F) / <40 mK bei 30°C (86°F)
Räumliche Auflösung (IFOV)	3,7 mrad	2,5 mrad	1,9 mrad
Inspektionseffizienz			
MSX® Spectral Dynamic Imaging (MSX)	IR-Bild mit visuellen Kamerادetails		
FLIR Ignite	Über WLAN sofort hochladen und in der Cloud speichern		
FLIR Thermal Studio Suite	Mit den gesamten Analyse- und Berichtssoftwarepaketen kompatibel		
Kapazitiver Touchscreen	Zugriff auf Bildschirmmenüs, Funktionen und die Tastatur		
Text	Textanmerkung auf Bild mit der Bildschirmtastatur		
Galerie	Miniaturansichtsbilder und individuell angepasster Ordnerstruktur		
Eine schnelle Kontrastverbesserung mit 1-Touch Level/Span	Ja, automatische Kontrastverbesserung		
Bildgebung und Optik			
Sichtfeld (FOV)	38° × 25°		
Fokus	Fokusierbar frei		
Bildfrequenz	9 Hz		
Farbpaletten	Iron, White hot, Black hot, Rainbow, Arctic, Lava, Rainbow HC		
Digitalkamera	5 Megapixel		
Bild-in-Bild-Anzeige	IR-Bereich auf dem visuellen Bild		
Detektortyp	Ungekühlte Mikrobolometer		

	E5 Pro	E8 Pro	E8 Pro
Bildgebung und Optik Fortsetzung			
Bildmodi	Wärmebild mit MSX, Wärmebild, Bild-in-Bild, Digitalkamera		
Minimaler Fokusabstand	0,36 m		
Spektralbereich	7,5 – 13 µm		
Messung und Analyse			
Messgenauigkeit	±2 °C oder ±2 % des Messwerts bei Umgebungstemperaturen von 10 °C bis 25 °C und Objekttemperaturen über 0 °C		
Objekttemperaturbereich	-20 °C bis 100 °C (-4 °F bis 212 °F) in zwei Bereichen	-20 °C bis 350 °C (-4 °F bis 662 °F) in zwei Bereichen	
Messkorrektur	Emissionsgrad; reflektierte Temperatur; reflektierte Temperatur; Entfernung; relative Luftfeuchtigkeit; Temperatur; atmosphärische Transmission		
Konfigurationsanweisungen	Lokale Anpassung von Maßeinheiten, Sprache, Datum und Uhrzeitformaten		
Messpunkt	Center-Spot; Bereich-mit-max.-Wert		
Isotherme	Oberschreitung und Unterschreitung des Alarmwerts		
Extra 7	Ja, entsprechend NFPA 70B		
Benutzeroberfläche			
Display	3,5 Zoll, 640 × 480 Farb-LCD		
Arbeitslampe	Helle LED		
Stromversorgung			
Akkuzeit (Betriebszeit)	4 Stunden		
Akkutyp	Wiederaufladbare Lithium-Ionen-Batterie		
Ladesystem	Die Batterie wird in der Kamera oder in einem speziellen Ladegerät aufgeladen		
Ladedauer	2 Std.		
Energiemanagement	Automatische Abschaltung		

Die technischen Daten sind unverbindlich. Die jeweils neuesten technischen Daten finden Sie auf flir.com.

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Veröffentlichungsdatum: 2023-02-10
FLIR Ex Pro Series Datasheet Iss.00 (P/N 70-401-0010-00)

FLIR Ex Pro-Serie Infrarotkameras – Technische Daten und Merkmale

Umfassendes Datenblatt für die FLIR Ex Pro-Serie Infrarotkameras, einschließlich technischer Spezifikationen, Hauptmerkmalen, Anwendungen und Zubehör für Modelle wie E5 Pro, E6 Pro und E8 Pro.

lang:de score:21 filesize: 228.54 K page_count: 2 document date: 2025-01-10

FLIR Ex PRO-SERIES Infrared Cameras: Technical Specifications and Features

Detailed technical specifications, key features, and applications for the FLIR Ex PRO-SERIES infrared thermal imaging cameras, including models E5 Pro, E6 Pro, and E8 Pro. Learn about their performance, imaging capabilities, and accessories.

lang:en score:21 filesize: 225.26 K page_count: 2 document date: 2023-08-29

[pdf] Quick Start Guide Guide

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[pdf] Specifications Decleration of Conformity Accessories

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Battery charger incl power supply P/N: T300772ACC Copyright 2024, FLIR Systems, Inc. All rights re ... 70 mm 7332558032602 845188029722 Malaysia Compatible with the following products 13301-0101; FLIR **E5 Pro** 13302-0201; FLIR E6 Pro 13303-0302; FLIR E8 Pro 1 1 www.flir.com ...

lang:en score:20 filesize: 75.69 K page_count: 1 document date: 2024-12-17

FLIR Ex Pro-Serie Infrarotkameras: Datenblatt und Spezifikationen

Detaillierte technische Spezifikationen, Hauptmerkmale und Anwendungen für die Infrarot-Wärmebildkameras der FLIR Ex Pro-Serie, einschließlich der Modelle E5 Pro, E6 Pro und E8 Pro.

lang:de score:20 filesize: 228.67 K page_count: 2 document date: 2023-08-29

[pdf] Specifications Datasheet Warranty

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Calibration Service Packages Keep your thermal camera in optimal performance condition and avoid un ... Service for FLIR E5-XT CARE CAREPLUS-E5PRO FLIR CARE Performance Verification Service for FLIR **E5 Pro** FLIR **E5 Pro** CAREPRO CAREPRO-E5PRO FLIR CARE PRO General Maintenance and Calibration Adjust...

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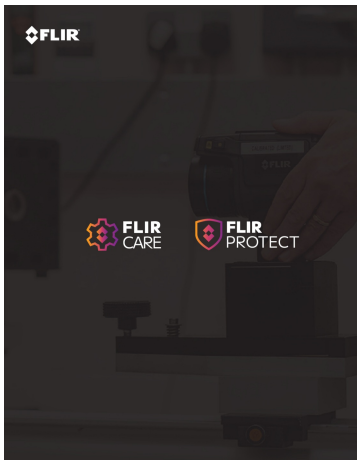

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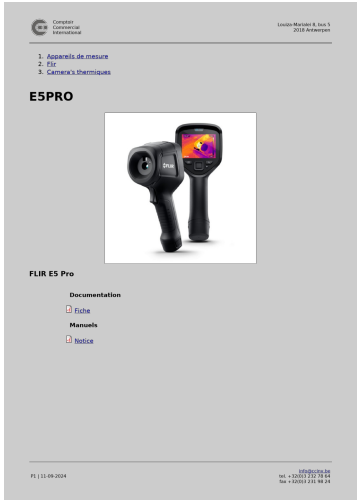

[pdf] Documentation

FLIR E5 Pro 26 ago 2024 — Louiza Marialei 8 bus 5 2018 Antwerpen P1 08 info@ccinv be tel 32 0 3 232 78 64 fax 231 98 24 Appareils de mesure ccinv E5PRO 02 13 turbotronic2 fr node 49972 |||

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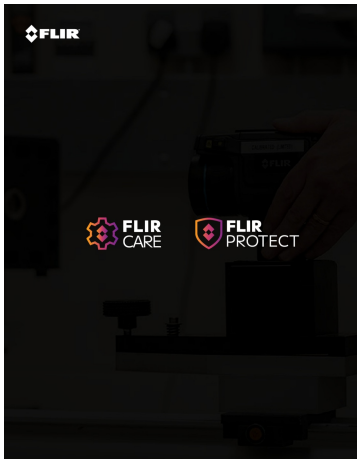

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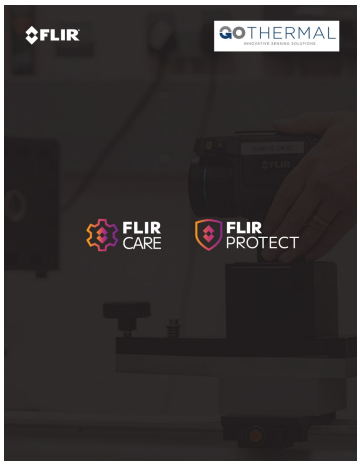

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FLIR E6 Pro hőkamera adatlap Sensortech flir e6 pro hokamera sensortech hu |||

FLIR Ex PRO SOROZAT Pro sorozat infravrs kamerk IgniteTM felhvel SPECIFIKCIK **E5 Pro** E6 Pro E8 Pro Egyedi jellemzk modell szerint Infravrs felbonts Termikus rzkenysg/NETD 160 120 19 200 pixel 0,06 C 0,11 F / 60 mK 30 C-on 86 F Trbeli felbonts IFOV 3,7 mrad 240 180 43 200 pixel...

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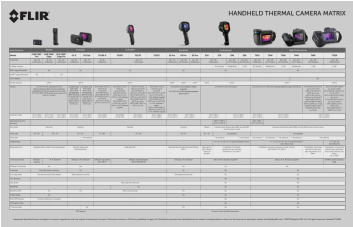

[pdf] User Manual Specifications Datasheet Accessories

HANDHELD THERMAL CAMERA MATRIX Nov 13 2024 — one shot contrast manual Continuous laser distance meter LDM User Presets 1 2 Delta T 3 spotmeters area boxes max min hot spot SCANLOCK FLIR ENG scanlock cz datasheets T865 T1020 IR resolution 160 × 120 19 200 pixels 80 60 4 800 ©2023 Teledyne LLC All rights reserved Updated 11 2023 |||

HANDHELD THERMAL CAMERA MATRIX Specifications Model IR resolution UltraMax resolution MSX image e n ... TG165-X 80 60 4,800 pixels Industrial TG267 TG275 160 120 19,200 pixels TG297 Handheld **E5 Pro** E6 Pro E8 Pro 160 120 240 180 320 240 19,200 pixels 43,200 pixels 76,800 pixels...

lang:en score:19 filesize: 413.89 K page_count: 1 document date: 2023-12-12

FLIR

SERIE Ex PRO DE FLIR
Cámara de infrarrojos serie Pro con Ignite™ Cloud

Características principales:

- Reconozca rápidamente dónde se encuentran los problemas gracias a FLIR MSX® (Imagen dinámica multiespectral), que graba detalles visuales clave en las termografías
- Ahorre tiempo a la hora de realizar ajustes manuales con 1-Touch Level/Span
- Mejore la eficiencia de la inspección con la pantalla táctil de 640 × 480; con la capacidad de agregar notas detalladas a cada imagen
- Edite, almacene, organice y comparta imágenes con el servicio en la nube de FLIR Ignite
- Cree informes rápidos en FLIR Ignite desde cualquier dispositivo o cree informes avanzados en FLIR Thermal Studio desde una PC

Aplicaciones principales:

- Inspecciones industriales de equipos eléctricos y mecánicos
- Supervisión del actuado y mantenimiento preventivo de los equipos en degradación antes de que fallen
- Inspecciones de edificio para garantizar la eficiencia energética

www.flir.com/ex-pro-

ESPECIFICACIONES

	E5 Pro	E6 Pro	E8 Pro
Características únicas por modelo			
Resolución de IR	160 × 120 (19,200 píxeles)	240 × 180 (43,200 píxeles)	320 × 240 (76,800 píxeles)
Sensibilidad térmica/NETD	<0.06 °C (0.11 °F) @ 30 °C	<0.05 °C (0.09 °F) @ 30 °C	<0.04 °C (0.07 °F) @ 30 °C
Resolución espacial (IFOV)	3.2 mrad	2.3 mrad	1.6 mrad
Eficiencia de inspección			
Imagen térmica multiespectral (MSX)	Imagen de IR enriquecida con detalle de cámara visible		
FLIR Ignite	Carga instantánea a cualquier dispositivo o nube con conectividad Wi-Fi		
Paquete FLIR Thermal Studio	Compatible con toda la gama de software de análisis e informes		
Pantalla táctil capacitiva	Acceso a menús, funciones y tareas en pantalla		
Tarea	Anotación de texto en la imagen mediante el teclado en pantalla		
Galería	Miniaturas y estructura personalizada de carpetas		
1-Touch Level/Span	IR, mejora de contraste automática		
Generación de imágenes y óptica			
Campo de visión (FOV)	33° × 25°		
Enfoque	Enfoque libre		
Frecuencia de imagen	9 Hz		
Paletas de colores	Iron, White hot, Black hot, Rainbow, Arctic, Lava, Rainbow HC		
Cámara digital	5 MP		
Imagen en imagen	Área de IR en imagen visual		
Tipo de detector	Microbolómetro no refrigerado		
Adquisición de imágenes y óptica ocelleva			
Modos de imagen	MSX térmico, térmico, imagen en imagen, cámara digital		
Distancia focal mínima	0.06 m (0.19 ft)		
Rango espectral	7.5–13 µm		
Medición y análisis			
Precisión	±2 °C (±3.6 °F) o ±2 % de lectura, para temperatura ambiente de 15 a 35 °C (de 59 a 95 °F) y objetivos de objetos superior a 0 °C (32 °F)		
Rango de temperatura del objeto	De -20 °C a 400 °C (de -4 °F a 752 °F) en todo rango	De -20 °C a 650 °C (de -4 °F a 1202 °F) en todo rango	
Corrección de las mediciones	Emisividad, reales hacia nacia/cuerda/clarión + valor personalizado, temperatura aparente reflejada, compensación atmosférica		
Conexión de configuración	Adaptador en kit de accesorios		
Fotómetro	Puntos de medición: 5		
Cálculo isotérmico	Alarma de exceso, alarma de defecto		
Zona 1	1 L compla con MPA 700		
Interfaz de usuario			
Pantalla	LCD en color de 3,5" (640 × 480)		
Lenguaje	Inglés LCD		
Alimentación			
Tiempo de funcionamiento de la batería	4 horas		
Tipo de batería	Batería de ions de litio recargable		
Sistema de carga	La batería se carga dentro de la cámara o en un cargador externo		
Tiempo de carga	2 h		
Gestión energética	Apagado automático		

Para obtener más información, póngase en contacto con:
SalesgTeledyneFLIR.com
o para encontrar su número de asistencia local, visite:
flir.com/contactsupport
www.teledyneflir.com

[pdf] Datasheet

Untitled SERIE Ex PRO DE FLIR Pro Series datasheet ES batterfly flir volume |||

SERIE Ex PRO DE FLIR Cmara de infrarrojos serie Pro con IgniteTM Cloud Caractersticas principales: ... lquier dispositivo o cree informes avanzados en FLIR Thermal Studio desde una PC ESPECIFICACIONES **E5 Pro** E6 Pro E8 Pro Caractersticas nicas por modelo Resolucin de IR Sensibilidad trmica/NETD 1...

lang:es score:19 filesize: 77.01 K page_count: 2 document date: 2023-09-14

Test Equipment Depot - 800.517.8431 - TestEquipmentDepot.com

FLIR

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Tel: 855-700-0203, Fax: 603-795-4024

FLIR Ex PRO-SERIES
Pro-Series Infrared Cameras with Ignite™ Cloud

Key Features:

- Quickly recognize where problems are located thanks to FLIR MSX® (Multi-Spectral Dynamic Imaging), which embosses key visual details onto thermal images
- Save time spent on manual adjustments with 1-Touch Level/Span
- Improve inspection efficiency using the 640 × 480 touchscreen, with the ability to add detailed notes to each image
- Edit, store, organize, and share images using the FLIR Ignite cloud service
- Create quick reports in FLIR Ignite from any device, or create advanced reports in FLIR Thermal Studio from a PC

Main Applications:

- Industrial inspections of electrical and mechanical equipment
- Condition monitoring and preventive maintenance of degrading equipment before failure
- Building inspections to ensure energy efficiency

SPECIFICATIONS

	E5 Pro	E6 Pro	E8 Pro
Unique Features by Model			
IR Resolution	160 × 120 (19,200 pixels)	240 × 180 (43,200 pixels)	320 × 240 (76,800 pixels)
Thermal Sensitivity/NETD	<0.06°C (0.11°F) @ 30°C	<0.05°C (0.09°F) @ 30°C	<0.04°C (0.07°F) @ 30°C
Spatial Resolution (IFOV)	3.2 mrad	2.3 mrad	1.8 mrad
Inspection Efficiency			
MSX (Spectral Dynamic Imaging) (MSX)	IR image enhanced with visible camera detail		
FLIR Ignite	Instant upload to cloud storage over Wi-Fi		
FLIR Thermal Studio Suite	Compatible with full range of analysis and reporting software		
Capacitive Touchscreen	Access to menus/menus, features, and keyboard		
Text	Text annotation or image using onscreen keyboard		
Gallery	Thumbnails and custom folder structure		
1-Touch level/Span	Pic. automatic contrast enhancement		
Imaging & Optical			
Field-of-view (FOV)	33° × 25°		
Focus	Focus free		
Image Frequency	9 Hz		
Color Palettes	Iron, White hot, Black hot, Rainbow, Arctic, Lava, Rainbow HC		
Digital Camera	5 MP		
Picture-in-Picture	IR onscor visual image		
Detector Type	Uncooled microbolometer		
Imaging & Optical Continued			
Image Modes	Thermal MSX, thermal, picture-in-picture, digital camera		
Minimum Focus Distance	0.30 m (1.18 ft)		
Spectral Range	7.5–13µm		
Measurement & Analysis			
Accuracy	±2°C (±3.6°F) or ±2% of reading, for ambient temperature 10°C to 35°C (50°F to 95°F) and object temperature above 0°C (32°F)		
Object Temperature Range	-20°C to 400°C (-4°F to 752°F) in two ranges	-20°C to 650°C (-4°F to 1022°F) in two ranges	
Measurements Corrections	Emissivity: real/hot-hate-real/cuerda-glass + custom values, reflected temperature, atmospheric compensation, ambient temperature		
Set-up Commands	Local adaptation of units, language, date and time formats		
Spot Meter	Center spot; two with min./max.		
Isotherm	Above alarm, below alarm		
Zone 1	Yes, MPA 700-compliant		
User Interface			
Display	3.5 inch, 640 × 480 color LCD		
Flashlight	Bright LED		
Power			
Battery Operating Time	4 hours		
Battery Type	Rechargeable Lithium-ion battery		
Charging System	Battery is charged inside the camera or in specific charger		
Charging Time	2 h		
Power Management	Automatic shut down		

FLIR Ex PRO-SERIES Infrared Cameras with Ignite Cloud | Datasheet

Detailed specifications and features for the FLIR Ex PRO-SERIES infrared cameras, including E5 Pro, E6 Pro, and E8 Pro models. Learn about their applications, imaging capabilities, and accessories.

lang:en score:19 filesize: 331.44 K page_count: 2 document date: 2023-10-07

FLIR

FLIR Ex PRO-SERIES
Pro-Series Infrared Cameras with Ignite™ Cloud

Key Features:

- Quickly recognize where problems are located thanks to FLIR MSX® (Multi-Spectral Dynamic Imaging), which embosses key visual details onto thermal images
- Save time spent on manual adjustments with 1-Touch Level/Span
- Improve inspection efficiency using the 640 × 480 touchscreen, with the ability to add detailed notes to each image
- Edit, store, organize, and share images using the FLIR Ignite cloud service
- Create quick reports in FLIR Ignite from any device, or create advanced reports in FLIR Thermal Studio from a PC

Main Applications:

- Industrial inspections of electrical and mechanical equipment
- Condition monitoring and preventive maintenance of degrading equipment before failure
- Building inspections to ensure energy efficiency

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SPECIFICATIONS

	E5 Pro	E6 Pro	E8 Pro
Unique Features by Model			
IR Resolution	160 × 120 (19,200 pixels)	240 × 180 (43,200 pixels)	320 × 240 (76,800 pixels)
Thermal Sensitivity/NETD	<0.06°C (0.11°F) @ 30°C	<0.05°C (0.09°F) @ 30°C	<0.04°C (0.07°F) @ 30°C
Spatial Resolution (IFOV)	3.2 mrad	2.3 mrad	1.8 mrad
Inspection Efficiency			
MSX (Spectral Dynamic Imaging) (MSX)	IR image enhanced with visible camera detail		
FLIR Ignite	Instant upload to cloud storage over Wi-Fi		
FLIR Thermal Studio Suite	Compatible with full range of analysis and reporting software		
Capacitive Touchscreen	Access to menus/menus, features, and keyboard		
Text	Text annotation or image using onscreen keyboard		
Gallery	Thumbnails and custom folder structure		
1-Touch level/Span	Pic. automatic contrast enhancement		
Imaging & Optical			
Field-of-view (FOV)	33° × 25°		
Focus	Focus free		
Image Frequency	9 Hz		
Color Palettes	Iron, White hot, Black hot, Rainbow, Arctic, Lava, Rainbow HC		
Digital Camera	5 MP		
Picture-in-Picture	IR onscor visual image		
Detector Type	Uncooled microbolometer		
Imaging & Optical Continued			
Image Modes	Thermal MSX, thermal, picture-in-picture, digital camera		
Minimum Focus Distance	0.30 m (1.18 ft)		
Spectral Range	7.5–13µm		
Measurement & Analysis			
Accuracy	±2°C (±3.6°F) or ±2% of reading, for ambient temperature 10°C to 35°C (50°F to 95°F) and object temperature above 0°C (32°F)		
Object Temperature Range	-20°C to 400°C (-4°F to 752°F) in two ranges	-20°C to 650°C (-4°F to 1022°F) in two ranges	
Measurements Corrections	Emissivity: real/hot-hate-real/cuerda-glass + custom values, reflected temperature, atmospheric compensation, ambient temperature		
Set-up Commands	Local adaptation of units, language, date and time formats		
Spot Meter	Center spot; two with min./max.		
Isotherm	Above alarm, below alarm		
Zone 1	Yes, MPA 700-compliant		
User Interface			
Display	3.5 inch, 640 × 480 color LCD		
Flashlight	Bright LED		
Power			
Battery Operating Time	4 hours		
Battery Type	Rechargeable Lithium-ion battery		
Charging System	Battery is charged inside the camera or in specific charger		
Charging Time	2 h		
Power Management	Automatic shut down		

FLIR Ex PRO-SERIES Infrared Cameras: E5 Pro, E6 Pro, E8 Pro - Technical Specifications

Detailed technical specifications for the FLIR Ex PRO-SERIES infrared cameras, including models E5 Pro, E6 Pro, and E8 Pro. Features, imaging capabilities, measurement analysis, environmental certifications, and accessories.

lang:en score:19 filesize: 254.24 K page_count: 2 document date: 2024-01-12

[pdf] User Manual

BAIXE O FOLHETO Garantias estendidas da FLIR Teledyne 23 0749 ins flir care protect noprice a4 pt br globalassets industrial instruments |||

Pacotes de servios de calibrao Mantenha sua cmera termogrfica em timas condies de desempenho e evit ... CARE para FLIR E5-XT CARE CAREPLUS-E5PRO Servio de verificao de desempenho FLIR CARE para FLIR **E5 Pro** FLIR **E5 Pro** CAREPRO CAREPRO-E5PRO Servio de ajuste de calibrao e manuteno geral FLIR CARE ...

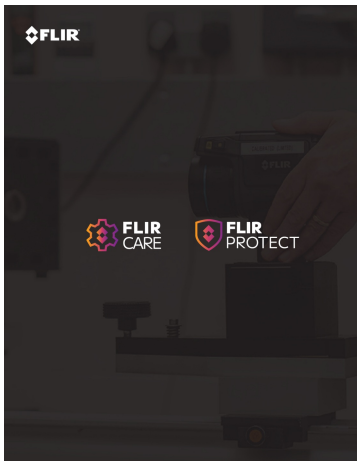
lang:pt score:19 filesize: 1.89 M page_count: 21 document date: 2024-01-21

[pdf]

DESCARGAR EL FOLLETO Garantías extendidas de FLIR Teledyne 23 0749 ins flir care protect noprice a4 es mx globalassets industrial instruments |||

Paquetes de servicio de calibracin Mantenga su cmara trmica en ptimas condiciones de rendimiento y ... para FLIR E5-XT CARE CAREPLUS-E5PRO Servicio de verificacin de rendimiento FLIR CARE para FLIR **E5 Pro** FLIR **E5 Pro** CAREPRO CAREPRO-E5PRO TOTALCARE TOTALCARE-E5PRO Servicio de mantenimiento gen...

lang:es score:19 filesize: 1.89 M page_count: 21 document date: 2024-01-21



[pdf] Specifications Warranty Borchure

SCARICA LA BROCHURE Assistenza prodotti Garanzia estesa Teledyne FLIR flir care protect global it globalassets industrial instruments service ||| ||| Calibration Service Packages Keep your thermal camera in optimal performance condition and avoid unforeseen downtime with a FLIR CARE service package. Whether you are looking for a performance verification service or a traceable calibratio

Calibration Service Packages Keep your thermal camera in optimal performance condition and avoid un ... Service for FLIR E5-XT CARE CAREPLUS-E5PRO FLIR CARE Performance Verification Service for FLIR **E5 Pro** FLIR **E5 Pro** CAREPRO CAREPRO-E5PRO FLIR CARE PRO General Maintenance and Calibration Adjust...

lang:en score:19 filesize: 2.04 M page_count: 22 document date: 2024-01-26

[FLIR Ex PRO-SERIES Infrared Cameras Datasheet]

Detailed specifications, key features, applications, and accessories for the FLIR Ex PRO-SERIES of Pro-Series Infrared Cameras, including models E5 Pro, E6 Pro, and E8 Pro, with Ignite Cloud connectivity. Information provided by Teledyne FLIR.

lang:en score:19 filesize: 834.44 K page_count: 2 document date: 2023-09-21

[pdf] Flyer

Teledyne FLIR E5 Pro Thermal Imaging Camera test meter co uk 2023 flir rewards flyer media productattach 2 0 |||

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lang:en score:19 filesize: 659.51 K page_count: 2 document date: 2023-06-26

[FLIR Ex PRO-SERIES Infrared Cameras: Datasheet and Specifications]

Detailed specifications, key features, applications, and service information for the FLIR Ex PRO-SERIES Pro-Series Infrared Cameras (E5 Pro, E6 Pro, E8 Pro), including MSX technology and Ignite Cloud connectivity. Information on EURO-INDEX services is also provided.

lang:en score:19 filesize: 887.67 K page_count: 3 document date: 2024-03-20

[pdf]

CONDITION MONITORING PROCESS AND QUALITY Infradex including the FLIR A70 A400 A700 and A38 A68 This package E5 Pro E6 E8 E54 E76 E86 E96 T530 T540 T560 Mode IR resolution 128 CONDIT1 infradex 2024 09 |||

CONDITION MONITORING, PROCESS, AND QUALITY ASSURANCE SOLUTIONS for the Food and Beverage Industry ... del IR resolution UltraMax resolution MSX image enhancement Thermal sensitivity Accuracy C3-X C5 **E5 Pro** E6 Pro E8 Pro E54 E76 E86 E96 T530 T540 T560 128 96 160 120 160 120 240 180 ...

lang:en score:19 filesize: 2.86 M page_count: 12 document date: 2023-12-20

FLIR Ex PRO-SERIES Infrared Cameras Datasheet

Detailed specifications and features for FLIR Ex PRO-SERIES infrared thermal cameras, including models E5 Pro, E6 Pro, and E8 Pro, designed for industrial inspections and condition monitoring.

lang:en score:19 filesize: 226.03 K page_count: 2 document date: 2023-08-29

FLIR Ex Pro-Series Infrared Cameras: Datasheet and Specifications

Detailed specifications, key features, and applications for the FLIR Ex Pro-Series of professional infrared cameras, including E5 Pro, E6 Pro, and E8 Pro models. Learn about MSX technology, cloud connectivity, and measurement capabilities, along with service options from EURO-INDEX.

lang:en score:19 filesize: 891.75 K page_count: 3 document date: 2024-03-20

FLIR Ex PRO-SERIES
Caméras infrarouges de la série Pro avec cloud Ignite™

Principales fonctionnalités :
- Identifier rapidement l'emplacement des problèmes grâce à FLIR MSX® (imagerie dynamique multifonctionnelle), qui superpose des détails visuels clés sur les images thermiques
- Économisez du temps sur les réglages manuels de niveaux et de plage avec la fonctionnalité « Touch Level/Span ».
- Améliorez l'efficacité de l'inspection à l'aide de l'écran tactile 640 x 480, avec la capacité d'ajouter des notes détaillées sur chaque image
- Modifiez, stockez, organisez et partagez des images à l'aide du service cloud FLIR Ignite
- Créez des rapports rapides dans FLIR Ignite depuis n'importe quel appareil ou créez des rapports avancés dans FLIR Thermal Studio depuis un PC

Principales applications :
- Inspections industrielles des équipements électriques et mécaniques
- Surveillance de l'état et estimation prédictif des équipements en cours de dégradation avant la défaillance
- Inspections des bâtiments pour garantir l'efficacité énergétique

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SPÉCIFICATIONS

	E5 Pro	E6 Pro	E8 Pro
Fonctionnalités uniques par modèle			
Résolution IR	160 x 120 (19 200 pixels)	240 x 180 (43 200 pixels)	320 x 240 (76 800 pixels)
Sensibilité thermique/NETD	< 0,06 °C (0,11 °F) / < 60 mK à 30 °C	< 0,05 °C (0,09 °F) / < 50 mK à 30 °C	< 0,04 °C (0,07 °F) / < 40 mK à 30 °C
Résolution spatiale (IFOV)	5,7 mrad	3,5 mrad	2,5 mrad
Efficacité de l'inspection			
Imagerie thermique améliorée par MSX	Image IR améliorée par les détails de caméra à lumière visible		
FLIR Ignite	Téléchargement instantané sans le câble grâce au cloud via Wi-Fi		
FLIR Thermal Studio Suite	Compatible avec une gamme complète de logiciels d'analyse et de création de rapports		
Écran tactile capacitif	Accès aux menus, fonctionnalités et classer à l'écran		
Texte	Annotation de texte sur l'image à l'aide du clavier à l'écran		
Bibliothèque d'images	Mémorisez et gérez des dossiers personnalisés		
Fonctionnalité Touch Level/Span	Bar - amélioration automatique du contraste		
Données image et optiques			
Champ de vision (FOV)	37° x 25°		
Mise au point	Fixe (mise au point)		
Fréquence des images	9 Hz		
Palettes de couleurs	Fer, blanc chaud, noir chaud, arc-en-ciel, arctique, lava, arc-en-ciel HC		
Caméra numérique	5 MP		
Incrustation d'image	Zone IR sur l'image à lumière visible		
Type de détecteur	Microbolomètre non refroidi		

	E5 Pro	E6 Pro	E8 Pro
Imagerie et optique Suite			
Modes d'imagerie	Image thermique seule, MSX, image thermique, incrustation d'image, caméra numérique		
Distance minimale de mise au point	0,15 m		
Gamme spectrale	7,5-13 µm		
Mesure et analyse			
Précision	±2 °C (±4 °F) ou 2 % du relevé, pour une température ambiante de 10 °C à 35 °C et une température d'objet supérieure à 0 °C		
Plage de températures de l'objet	-20 °C à 100 °C en deux plages	-20 °C à 250 °C en deux plages	
Correction des mesures	Émissivité, réel/ambiant, réel/zéro, brûler/ + valeur personnalisée, température apparente, réflective, compensation atmosphère type		
Commandes de configuration	Adaptateur tricoise (ex: ancre, langues, formats de date et d'heure		
Point de mesure	Point central, zone délimitée avec min./max.		
Isotherme	Alarme supérieure, alarme inférieure		
Delta T	Oui, conformes à la norme IMPA 708		
Interface utilisateur			
Écran	Écran LCD couleur 640 x 480 de 3,5 po		
Langue de service	Tactile LED		
Puissance			
Autonomie de la batterie	4 heures		
Type de batterie	Batterie lithium-ion rechargeable		
Système de charge	La batterie se met à charger dans la caméra ou dans un chargeur		
Temps de charge	2 heures		
Sources de l'alimentation	Arrêt automatique		

Les spécifications peuvent être modifiées. Pour obtenir des caractéristiques les plus récentes, rendez-vous sur www.flir.com.

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www.teledynefir.com

Référence du document 18 Fiche Ex Series Datasheet (FR) (T559 0409)

FLIR Ex Pro-Series Infrared Cameras Datasheet

Datasheet for FLIR Ex Pro-Series infrared cameras, detailing features, specifications, applications, and accessories for models E5 Pro, E6 Pro, and E8 Pro, including information on FLIR Ignite cloud connectivity.
lang:fr score:19 filesize: 801.02 K page_count: 2 document date: 2023-09-21

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Mess- und Prüftechnik. Die Experten.
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FLIR E5 Pro

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Disclaimer
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Imaging and optical data	
IR resolution	160 × 120 pixels
Thermal sensitivity/NETD	<0.07°C (0.13°F) / <60 mK at 30°C (86°F)
Field of view (FOV)	36° x 28
Minimum focus distance	0.36 m (1.18 ft.)
Spatial resolution (IFOV)	3.7 mrad
F-number	1.4
Image frequency	9 Hz
Focus	Fixed focus
Detector data	
Detector type	Focal plane array (FPA) uncooled microbolometer
Spectral range	7.5–13 µm
User interface	
Display	3.5 in. 640 × 480 color LCD
Touch screen	Capacitive touch
Text	Text annotation on image using onscreen keyboard
Flashlight	Manually activated bright LED
Image presentation	
Display	3.5 in. 640 × 480 color LCD
Image adjustment	Auto/manual/ancal
Image presentation modes	
Image modes	Thermal/MSX, Thermal, Picture-in-Picture, Digital camera
Multi Spectral Dynamic Imaging (MSX)	IR image enhanced with visible camera detail
Picture-in-Picture	IR area over visual image

[pdf] Specifications Datasheet Accessories

Datenblatt Data sheet E5 Pro 13301 0101 Wärmebildkamera dataTec Mess und Prüftechnik Die Experten Oszilloskope Netzgeräte Stromversorgungen Lasten Labormessgeräte Funktionsgeneratoren Spektrumanalysatoren Netzwerkanalysatoren Datenlogger DAQ Multimeter DMM Stromzangen Thermografie Temperatur Wärmebildkameras WBK Löttechnik Absaugsysteme Gerätetester Prüfgeräte VDE ESD Netzanalysatoren LAN Messgeräte Battery Test IoT E Mobility Automotive FLIR Systems AG Oct 23 2023 · 4 hours to 90% capacity in camera Power management Automatic shut down AC operation adapter 100 240 VAC input 5 VDC output 133010101 DB 1 DE ts 1712847609 srsltid AfmBOoqWlsZJ7Em HPpVMdVPnHiX6alCxAUZItLeqGidbjqS0JCoVE5R datatec eu media 6f d6 19 ||| Ihr Ansprechpartner / Your Partner: dataTec AG E-Mail: info datatec.eu www.datatec.eu 0FLIR PREMIUM PARTNER FLIR **E5 Pro** P/N: 13301-0101 Copyright 2023, FLIR Systems, Inc. All rights reserved worldwide. Names and marks appearing herein are either registered trademarks or trademarks of FLIR S...
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[pdf] Specifications Warranty Borchure Price List

A700000010973304docs rs online 6097 A700000010973304 WarrantyTeledyne FLIR T530 24 14 42 Thermal Imager 4 LCD Display 5 500 x 7 900 6 600 42° Lenses PLATT ELECTRIC SUflir care protect noprice uslrexel cdn products flir usl i 175EA8C3 D5B8 456B AD80 063BA3B8312Ddocs Brochure Flir Care Protect Service and Warranty Packages Price ListFLIR 24° Cámara termográfica 20 → 650 °C resolución IR 320 240píxel enfoque automático RSTeledyne usldocs A700000010973304rexel ||| ||| Calibration Service Packages Keep your thermal camera in optimal performance condition and avoid unforeseen downtime with a FLIR CARE service package. Whether you are looking for a performance verification service or a traceable calibratio ||| Calibration Service Packages Keep your thermal camera in optimal performance condition and avoid unforeseen downtime with a FLIR CARE service package. Whether you are looking for a performance verification service or a traceable calibratio Calibration Service Packages Keep your thermal camera in optimal performance condition and avoid un ... Service for FLIR E5-XT CARE CAREPLUS-E5PRO FLIR CARE Performance Verification Service for FLIR **E5 Pro** FLIR **E5 Pro** CAREPRO CAREPRO-E5PRO FLIR CARE PRO General Maintenance and Calibration Adjust...
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FLIR Ex PRO-SERIES
Pro-Series Infrared Cameras with Ignite™ Cloud

Key Features:
- Quickly recognize where problems are located thanks to FLIR MSX® (Multi-Spectral Dynamic Imaging), which embosses key visual details onto thermal imagery
- Save time spent on manual adjustments with 1-Touch Level/Span
- Improve inspection efficiency using the 640 x 480 touchscreen, with the ability to add detailed notes to each image
- Edit, store, organize, and share images using the FLIR Ignite cloud service
- Create quick reports in FLIR Ignite from any device, or create advanced reports in FLIR Thermal Studio from a PC

Main Applications:
- Industrial inspections of electrical and mechanical equipment
- Condition monitoring and preventive maintenance of degrading equipment before failure
- Building inspections to ensure energy efficiency

www.flir.com/ex-pro

SPECIFICATIONS

	E5 Pro	E6 Pro	E8 Pro
Unique Features by Model			
IR Resolution	160 x 120 (19,200 pixels)	240 x 180 (43,200 pixels)	320 x 240 (76,800 pixels)
Thermal Sensitivity/NETD	<0.08°C @ +30°C / <80 mK at 30°C (86°F)	<0.05°C @ +30°C / <50 mK at 30°C (86°F)	<0.04°C @ +30°C / <40 mK at 30°C (86°F)
Spatial Resolution (IFOV)	3.7 mrad	2.5 mrad	1.9 mrad
Ingenuity Ease Efficiency			
Multi-Spectral Dynamic Imaging (MSX)	IR image enhanced with visible camera detail		
FLIR Ignite	Instant upload to cloud storage over Wi-Fi		
FLIR Thermal Studio Suite	Compatible with full range of analysis and reporting software		
Capacitive Touchscreen	Access to onscreen menus, features, and keyboard		
Text	Text annotation on image using onscreen keyboard		
Gallery	Thumbnails and custom folder structure		
1-Touch Level/Span	Yes; automatic contrast enhancement		
Imaging & Optical			
Field of view (FOV)	22° x 29°		
Focus	Focus-Free		
Image Frequency	9 Hz		
Color Palettes	Iron, White-hot, Black-hot, Rainbow, Arctic, Lava, Rainbow HC		
Digital Camera	5 MP		
Picture-in-Picture	IR area on visual image		
Character Type	Unicode/extended/normal		

	E5 Pro	E6 Pro	E8 Pro
Imaging & Optical Continued			
Image Modes	Thermal MSX, thermal, picture-in-picture, digital camera		
Minimum Focus Distance	0.06 m (0.19 ft)		
Spectral Range	7.5–13 µm		
Measurement & Analysis			
Accuracy	±2°C (±3.6°F) or ±2% of reading, for ambient temperature 10°C to 35°C (50°F to 95°F) and object temperature above 0°C (32°F)		
Object Temperature Range	-20°C to 350°C (-4°F to 662°F) in two ranges		
Measurements Corrections	Emissivity; reflectance; reflected apparent temperature, atmospheric compensation		
Set-up Commands	Local adaptation of units, language, date and time formats		
Spot Meter	Center spot; box with min./max.		
Isotherm	Above/above, below/below		
Camera	Yes, NFPA 70E-compliant		
User Interface			
Display	3.5 inch, 640 x 480 color LCD		
Flashlight	Bright LED		
Power			
Battery Operating Time	4 hours		
Battery Type	Rechargeable Lithium-ion battery		
Charging System	Battery is charged inside the camera or in a specific charger		
Charging Time	2 h		
Power Management	Automatic shut-down		

For more information contact: SalesuTeledyneFLIR.com
or to find your local support number, visit:
flir.com/contactsupport
www.teledyneflir.com

Specifications subject to change. For the most up-to-date specifications, please visit flir.com.

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Revised 08/19/22
For Pro Series, Corporation (TR-ex-Series-AN)

[FLIR Ex Pro-Series Infrared Cameras: Datasheet and Specifications]

Detailed specifications, features, and applications for the FLIR Ex Pro-Series of infrared thermal cameras, including models E5 Pro, E6 Pro, and E8 Pro. Learn about MSX technology, Ignite cloud connectivity, and more.

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FLIR Ex PRO SOROZAT
Pro sorozatú infravörös kamerák Ignite™ felhővel

Fő jellemzők:
- A FLIR MSX® (Multi-Spectral Dynamic Imaging, többspektrumú dinamikus képalkotás) segítségével gyorsan felismerheti a problémák helyét, a fokozottan vetíthet a megfelelő vizuális részletek
- Takarítsa meg a manuális beállítások alapt az 1-Touch Level/Span szolgáltatással
- A 640 x 480 -as érintőképernyő segítségével pontosan az ellenőrzés hatékonyságán annak köszönhetően, hogy részletes jegyzeteket képes hozzáadni az egyes képekhez
- A FLIR Ignite felhőszolgáltatás segítségével szerkesztheti, tárolhatja, rendszerezheti és megosztihatja képeit
- Hozzon létre gyorsjelentéseket a FLIR Ignite-ban bármilyen eszközről, vagy hozzon létre speciális jelentéseket a FLIR Thermal Studio-ban egy számítógépről

Fő alkalmazások:
- Elektromos és mechanikus berendezések ipari ellenőrzése
- A problémás berendezés állapotának ellenőrzése és megelőző karbantartása meghibásodás előtt
- Épületvizsgálat kozmetikázása az energiahatékonyság biztosítása érdekében

www.flir.com/ex-pro

SPECIFIKÁCIÓK

	E5 Pro	E6 Pro	E8 Pro
Egyedi jellemzők modell szerint			
Infravörös felbontás	160 x 120 (19,200 pixel)	240 x 180 (43,200 pixel)	320 x 240 (76,800 pixel)
Termikus érzékenység/NETD	<0.08 °C @ 30 °C (86 °F) / <80 mK 30 °C-on	<0.05 °C @ 30 °C (86 °F) / <50 mK 30 °C-on	<0.04 °C @ 30 °C (86 °F) / <40 mK 30 °C-on
Térbeli felbontás (IFOV)	3.7 mrad	2.5 mrad	1.9 mrad
Könnyű kezelhetőség			
Ingenuity Könnyű munkavégzés (MSX®) (termikus kép javítása dinamikus képelemek, MSX)	Lehetővé teszi a kamerán szöveges feljegyzések hozzáadása		
FLIR Ignite	Azonnali feltöltés felhőtárolóba a Wi-Fi-n keresztül		
FLIR Termal Studio (szoftvercsomag)	Kompatibilis az elemző és jelentéskészítő szoftverek teljes körével		
Kapacitív érintőképernyő	Hozzáférés onscreen menükhez és funkciókhoz, a billentyűzet és a billentyűzetek		
Galéria	Szöveges megjegyzések a képen a billentyűzet és a kép egy egyszerű		
Gyors-be	Minősítésre és egyszerű riportokra szolgál		
1-Touch Level/Span	Igen; automatikus kontraszt/kiemelés		
Kapcsolat és optikai			
Látómező (FOV)	22° x 29°		
Fókusz	Fókuszt igénylő		
Kép frekvenciája	9 Hz		
Színpaletták	Vas, fehér fekete, fehér fekete, szivárvány, sarkvidék, láva szivárvány HC		
Digitális kamera	5 MP		
Kép a képben	Infravörös terület a vizuális képen		
Karakter típusa	Hibátlan/ekvivalenciák		

	E5 Pro	E6 Pro	E8 Pro
Kapcsolat és optikai folytatása			
Képmódok	Termikus MSX, hő, kép a képben, digitális kamera		
Minimális fókusztávolság	0.06 m (0.19 láb)		
Spektrális tartomány	7.5–13 µm		
Mérés és elemzés			
Pontosság	±2 °C (±3.6 °F) vagy a leolvasott érték ±2%, a 10 °C-ban (50 °C-ban) és a tárgyhőmérséklet felett 0 °C (32 °F)		
A tárgy hőmérsékleti tartománya	-20 °C-ban 350 °C-ig (-4 °F-ig 662 °F-ig) kétféle tartományban	0 °C-ban 650 °C-ig (-4 °F-ig 1202 °F-ig) kétféle tartományban	
Mérések javítása	Sugárzási képesség; visszaverődési hőmérséklet, légköri kompenzáció		
Beállítási parancsok	A helyi folyamatok, a mértékegységek, a dátum és az idő formátumai		
Szpotmérő	Középpont; doboz/min./max.		
Izoterm	Felette/felett, kisebb/alatt		
Gyújtó-be	Igen; az NFPA 70E-nek megfelelő		
Felhasználói felület			
Kijelző	3.5 hüvelyes, 640 × 480-as színes LCD-monitor		
Zseblámpa	Fényes LED		
Teljesítmény			
Az akkumulátor üzemideje	4 óra		
Az akkumulátor típusa	Újratölthető lítium-ion akkumulátor		
Töltési rendszer	Az akkumulátor töltése a kamerán belülről vagy egy külön töltőben		
Töltési idő	2 óra		
Energiagazdálkodás	Automatikus leállítás		

[pdf]

FLIR Ex PRO SOROZATFő jellemzők A MSX® Multi Spectral Dynamic Imaging többspektrumú dinamikus képalkotás segítségével gyorsan felismerheti a problémák helyét aflir e6 pro hokamera adatlapsensortech hu flir adatlap srsltid AfmBOoqLJpsbvq LOyekMf wA0fKowefD1CcSS4LtcBCBr2vDIHxGyp5 |||

FLIR Ex PRO SOROZAT Pro sorozat infravrs kamerk IgniteTM felhvel SPECIFIKCIK **E5 Pro** E6 Pro E8 Pro Egyedi jellemzk modell szerint Infravrs felbonts Termikus rzkenysg/NETD 160 120 19 200 pixel 0,06 C 0,11 F / 60 mK 30 C-on 86 F Trbeli felbonts IFOV 3,7 mrad 240 180 43 200 pixel...

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