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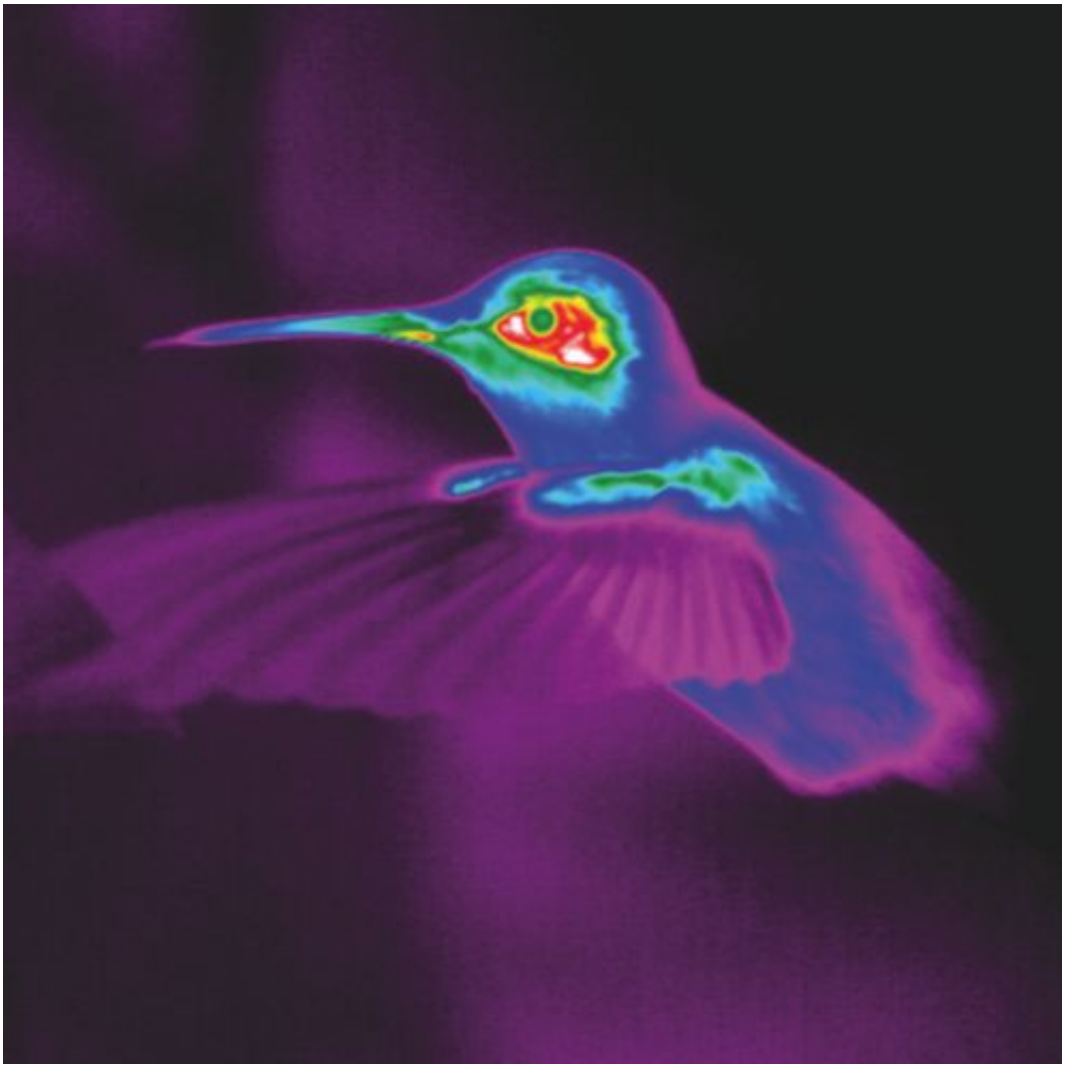
Product Catalog 2018

FLIR Fire Products

A hummingbird in infrared.
© 2010, Austin Richards.



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Introduction

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Disclaimers

Legal disclaimer

All products manufactured by FLIR Systems are warranted against defective materials and workmanship for a period of one (1) year from the delivery date of the original purchase, provided such products have been under normal storage, use and service, and in accordance with FLIR Systems instruction.

Uncooled handheld infrared cameras manufactured by FLIR Systems are warranted against defective materials and workmanship for a period of two (2) years from the delivery date of the original purchase, provided such products have been under normal storage, use and service, and in accordance with FLIR Systems instruction, and provided that the camera has been registered within 60 days of original purchase.

Detectors for uncooled handheld infrared cameras manufactured by FLIR Systems are warranted against defective materials and workmanship for a period of ten (10) years from the delivery date of the original purchase, provided such products have been under normal storage, use and service, and in accordance with FLIR Systems instruction, and provided that the camera has been registered within 60 days of original purchase.

Products which are not manufactured by FLIR Systems but included in systems delivered by FLIR Systems to the original purchaser, carry the warranty, if any, of the particular supplier only. FLIR Systems has no responsibility whatsoever for such products.

The warranty extends only to the original purchaser and is not transferable. It is not applicable to any product which has been subjected to misuse, neglect, accident or abnormal conditions of operation. Expendable parts are excluded from the warranty.

In the case of a defect in a product covered by this warranty the product must not be further used in order to prevent additional damage. The purchaser shall promptly report any defect to FLIR Systems or this warranty will not apply.

FLIR Systems will, at its option, repair or replace any such defective product free of charge if, upon inspection, it proves to be defective in material or workmanship and provided that it is returned to FLIR Systems within the said one-year period.

FLIR Systems has no other obligation or liability for defects than those set forth above.

No other warranty is expressed or implied. FLIR Systems specifically disclaims the implied warranties of merchantability and fitness for a particular purpose.

FLIR Systems shall not be liable for any direct, indirect, special, incidental or consequential loss or damage, whether based on contract, tort or any other legal theory.

This warranty shall be governed by Swedish law.

Any dispute, controversy or claim arising out of or in connection with this warranty, shall be finally settled by arbitration in accordance with the Rules of the Arbitration Institute of the Stockholm Chamber of Commerce. The place of arbitration shall be Stockholm. The language to be used in the arbitral proceedings shall be English.

Usage statistics

FLIR Systems reserves the right to gather anonymous usage statistics to help maintain and improve the quality of our software and services.

Changes to registry

The registry entry:

HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet

\Control\Lsa\LmCompatibilityLevel

will be automatically changed to level 2 if the FLIR Camera Monitor service detects a FLIR camera connected to the computer with a USB cable. The modification will only be executed if the camera device implements a remote network service that supports network logons.

U.S. Government Regulations

This product may be subject to U.S. Export Regulations. Please send any inquiries to exportquestions@flir.com.

Disclaimers

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Names and marks appearing on the products herein are either registered trademarks or trademarks of FLIR Systems and/or its subsidiaries. All other trademarks, trade names or company names referenced herein are used for identification only and are the property of their respective owners.

Quality assurance

The Quality Management System under which these products are developed and manufactured has been certified in accordance with the ISO 9001 standard.

FLIR Systems is committed to a policy of continuous development; therefore we reserve the right to make changes and improvements on any of the products without prior notice.

Patents

One or several of the following patents and/or design patents may apply to the products and/or features. Additional pending patents and/or pending design patents may also apply.

000279476-0001; 000439161; 000499579-0001; 000653423; 000726344; 000859020; 001106306-0001; 001707738; 001707746; 001707787; 001776519; 001954074; 002021543; 002058180; 002249953; 002531178; 0600574-8; 1144833; 1182246; 1182620; 1285345; 1299699; 1325808; 1336775; 1391114; 1402918; 1404291; 1411581; 1415075; 1421497; 1458284; 1678485; 1732314; 2106017; 2107799; 2381417; 3006596; 3006597; 466540; 483782; 484155; 4889913; 5177595; 60122153.2; 602004011681.5-08; 6707044; 68657; 7034300; 7110035; 7154093; 7157705; 7237946; 7312822; 7332716; 7336823; 7544944; 7667198; 7809258 B2; 7826736; 8,153,971; 8,823,803; 8,853,631; 8018649 B2; 8212210 B2; 8289372; 8354639 B2; 8384783; 8520970; 8565547; 8595689; 8599262; 8654239; 8680468; 8803093; D540838; D549758; D579475; D584755; D599,392; D615,113; D664,580; D664,581; D665,004; D665,440; D677298; D710,424 S; D718801; DI6702302-9; DI6903617-9; DI7002221-6; DI7002891-5; DI7002892-3; DI7005799-0; DM/057692; DM/061609; EP 2115696 B1; EP2315433; SE 0700240-5; US 8340414 B2; ZL 201330267619.5; ZL01823221.3; ZL01823226.4; ZL02331553.9; ZL02331554.7; ZL200480034894.0; ZL200530120994.2; ZL200610088759.5; ZL200630130114.4; ZL200730151141.4; ZL200730339504.7; ZL200820105768.8; ZL200830128581.2; ZL200880105236.4; ZL200880105769.2; ZL200930190061.9; ZL201030176127.1; ZL201030176130.3; ZL201030176157.2; ZL201030595931.3; ZL201130442354.9; ZL201230471744.3; ZL201230620731.8.

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User-to-user forums

Exchange ideas, problems, and infrared solutions with fellow thermographers around the world in our user-to-user forums. To go to the forums, visit:

http://forum.infraredtraining.com/

Calibration

We recommend that you send in the camera for calibration once a year. Contact your local sales office for instructions on where to send the camera.

Accuracy

For very accurate results, we recommend that you wait 5 minutes after you have started the camera before measuring a temperature.

For cameras where the detector is cooled by a mechanical cooler, this time period excludes the time it takes to cool down the detector.

Disposal of electronic waste

As with most electronic products, this equipment must be disposed of in an environmentally friendly way, and in accordance with existing regulations for electronic waste.

Please contact your FLIR Systems representative for more details.

Training

To read about infrared training, visit:

- http://www.infraredtraining.com
- http://www.irtraining.com
- http://www.irtraining.eu

Documentation updates

Our manuals are updated several times per year, and we also issue product-critical notifications of changes on a regular basis.

To access the latest manuals, translations of manuals, and notifications, go to the Download tab at:

http://support.flir.com

In the download area you will also find the latest releases of manuals for our other products, as well as manuals for our historical and obsolete products.

Software updates

FLIR Systems regularly issues software updates and you can update the software using this update service. Depending on your software, this update service is located at one or both of the following locations:

- FLIR Systems > [Software] > Check for updates
- Help > Check for updates.

Additional license information

For each purchased software license, the software may be installed, activated, and used on two devices, e.g., one laptop computer for on-site data acquisition, and one desktop computer for analysis in the office.

About FLIR Systems

FLIR Systems was established in 1978 to pioneer the development of high-performance infrared imaging systems, and is the world leader in the design, manufacture, and marketing of thermal imaging systems for a wide variety of commercial, industrial, and government applications. Today, FLIR Systems embraces five major companies with outstanding achievements in infrared technology since 1958—the Swedish AGEMA Infrared Systems (formerly AGA Infrared Systems), the three United States companies Indigo Systems, FSI, and Inframetrics, and the French company Cedip.

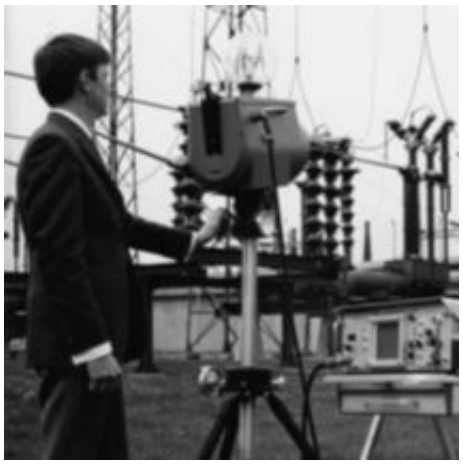
Since 2007, FLIR Systems has acquired several companies with world-leading expertise in sensor technologies:

- Extech Instruments (2007)
- Ifara Tecnologías (2008)
- Salvador Imaging (2009)
- OmniTech Partners (2009)
- Directed Perception (2009)
- Raymarine (2010)
- ICx Technologies (2010)
- TackTick Marine Digital Instruments (2011)
- Aerius Photonics (2011)
- Lorex Technology (2012)
- Traficon (2012)
- MARSS (2013)
- DigitalOptics micro-optics business (2013)
- DVTEL (2015)
- Point Grey Research (2016)
- Prox Dynamics (2016)

Patent documents from the early 1960s

FLIR Systems has three manufacturing plants in the United States (Portland, OR, Boston, MA, Santa Barbara, CA) and one in Sweden (Stockholm). Since 2007 there is also a manufacturing plant in Tallinn, Estonia. Direct sales offices in Belgium, Brazil, China, France, Germany, Great Britain, Hong Kong, Italy, Japan, Korea, Sweden, and the USA—together with a worldwide network of agents and distributors—support our international customer base.

FLIR Systems is at the forefront of innovation in the infrared camera industry. We anticipate market demand by constantly improving our existing cameras and developing new ones. The company has set milestones in product design and development such as the introduction of the first battery-operated portable camera for industrial inspections, and the first uncooled infrared camera, to mention just two innovations.



1969: Thermovision Model 661. The camera weighed approximately 25 kg (55 lb.), the oscilloscope 20 kg (44 lb.), and the tripod 15 kg (33 lb.). The operator also needed a 220 VAC generator set, and a 10 L (2.6 US gallon) jar with liquid nitrogen. To the left of the oscilloscope the Polaroid attachment (6 kg/13 lb.) can be seen.

2015: FLIR One, an accessory to iPhone and Android mobile phones. Weight: 90 g (3.2 oz.).

FLIR Systems manufactures all vital mechanical and electronic components of the camera systems itself. From detector design and manufacturing, to lenses and system electronics, to final testing and calibration, all production steps are carried out and supervised by our own engineers. The in-depth expertise of these infrared specialists ensures the accuracy and reliability of all vital components that are assembled into your infrared camera.

More than just an infrared camera

At FLIR Systems we recognize that our job is to go beyond just producing the best infrared camera systems. We are committed to enabling all users of our infrared camera systems to work more productively by providing them with the most powerful camera–software combination. Especially tailored software for predictive maintenance, R & D, and process monitoring is developed in-house. Most software is available in a wide variety of languages.

We support all our infrared cameras with a wide variety of accessories to adapt your equipment to the most demanding infrared applications.

Sharing our knowledge

Although our cameras are designed to be very user-friendly, there is a lot more to thermography than just knowing how to handle a camera. Therefore, FLIR Systems has founded the Infrared Training Center (ITC), a separate business unit, that provides certified training courses. Attending one of the ITC courses will give you a truly hands-on learning experience.

The staff of the ITC are also there to provide you with any application support you may need in putting infrared theory into practice.

Supporting our customers

FLIR Systems operates a worldwide service network to keep your camera running at all times. If you discover a problem with your camera, local service centers have all the

equipment and expertise to solve it within the shortest possible time. Therefore, there is no need to send your camera to the other side of the world or to talk to someone who does not speak your language.

About ITC

Welcome to ITC, the leading source of knowledge within infrared science and its applications

ITC is present in over 50 countries, and has instructors that speak 22 native languages. We offer everything from short introduction courses to certification courses. Our instructors are among the most knowledgeable people in the industry. ITC is proud that its products and services are compliant with industry, national, and international standards. Join our community, our conferences, or our courses at:

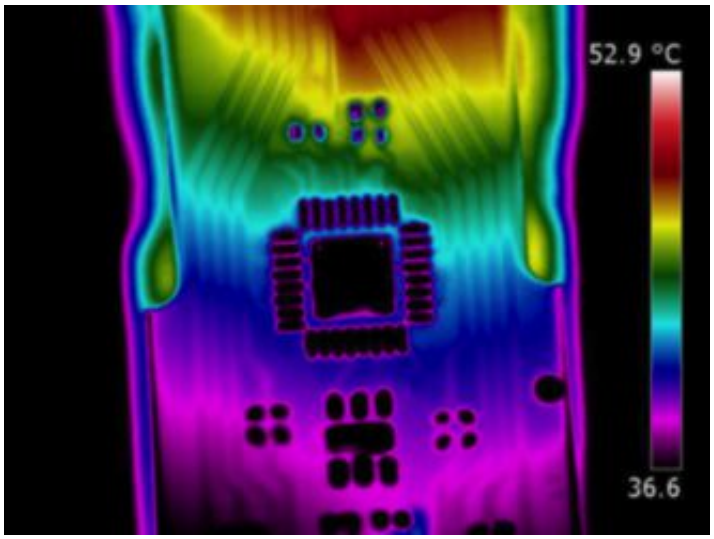
- http:// www.infraredtraining.com
- http://www.irtraining.eu.

Level 1 to 3 thermography courses

These courses prepare you for qualification as a certified thermographer. You will learn about infrared physics, camera technology, and thermographic applications and inspections at different levels. The courses include exercises, field studies, discussions, and traditional teaching classes, and end with a closed-book exam.

Advanced application courses

These interdisciplinary courses bridge the gap between infrared thermography, background science, and application theory. You will learn about important scientific concepts in, for example, physics, heat science, and chemistry. You will apply them together with relevant application theory, and thus be able to perform qualified inspections within your field of application on the basis of existing laws, standards, and regulations. The courses end with an exam. A prerequisite for these courses is a valid Level 1 certificate.



Short courses

These courses provide you with the most important basics of infrared thermography theory and applications, camera operation, and software usage. You will learn about the basics of emissivity and reflected apparent temperature and course-related applications. During the hands-on sessions you will operate a camera in different measurement situations. You will also learn how to analyze and report your findings. The courses include practical exercises and key laboratory sessions.

E-learning

Self-paced 24/7 on-demand online courses are available for infrared thermography basics, different applications, and camera handling. Visit http://www.irtraining.com.

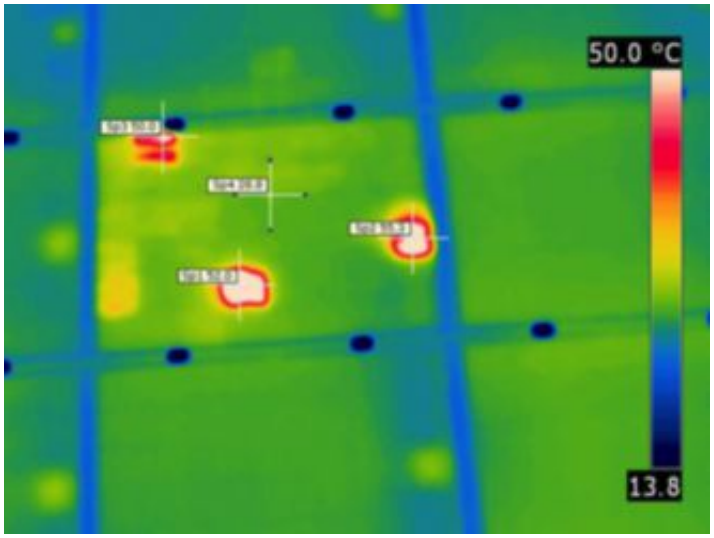
In-house classes

On-site training can be customized to your needs. Participants will learn about infrared thermography, inspections, measurements, applications, and reporting corresponding to the level needed to perform measurements and inspection in their working environment. The trainer will provide useful advice on how to best implement infrared thermography in your business.

About ITC

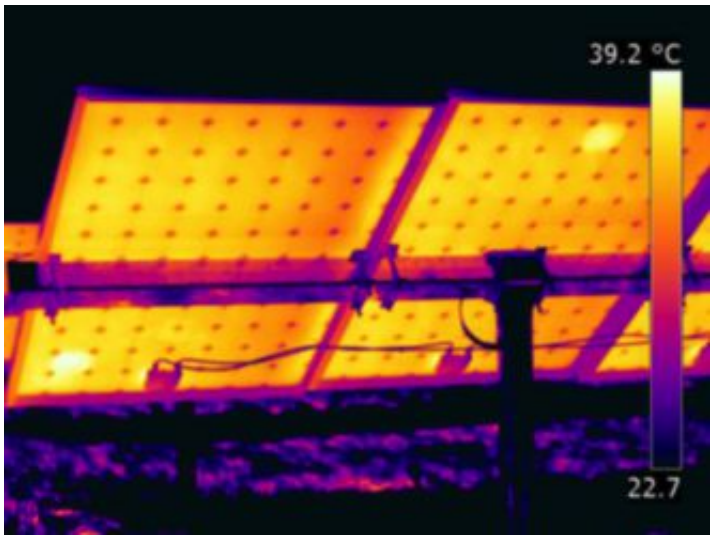
Software courses

In these hands-on classes you will learn to use the relevant FLIR Systems software for your needs. Depending on the software, the emphasis will be on analysis and reporting or camera connection, data acquisition, and analysis.



System training

Certain cameras and infrared measurement equipment require deeper understanding of the software and hardware components. In training classes for CVS, ATS, and automation cameras and products, you will learn about installation, configuration, and integration of the entire system for different applications. You will also learn about image acquisition optimization and image analysis.



Workshops and conferences

In many countries, ITC offers workshops and conferences on different infrared applications as well as user meetings. For information about InfraMation, the world's largest annual infrared applications conference, visit:

http://www.inframation.org

For the R&D and automation conference, infraR&D, visit:

http://www.infraredforum.eu

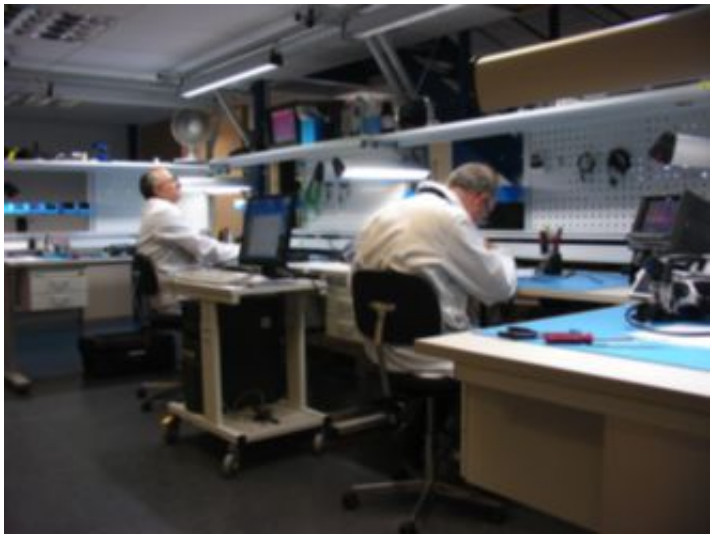
Contact details

- ITC Global operations: itc@flir.se
- ITC Americas: http://www.infraredtraining.com
- ITC EMEA: http://www.irtraining.eu
- info@irtraining.eu

Service and support

FLIR Systems' qualifications

FLIR Systems is the world's largest manufacturer of commercial-grade infrared cameras, with over 50 years' experience. FLIR Systems builds state-of-the-art, high-performance, field-worthy infrared cameras. We're serious about our infrared cameras and the accuracy of the temperature measurements they produce. It's our core business—and it's our only business. FLIR Systems Service is ISO 9001:2000 certified.



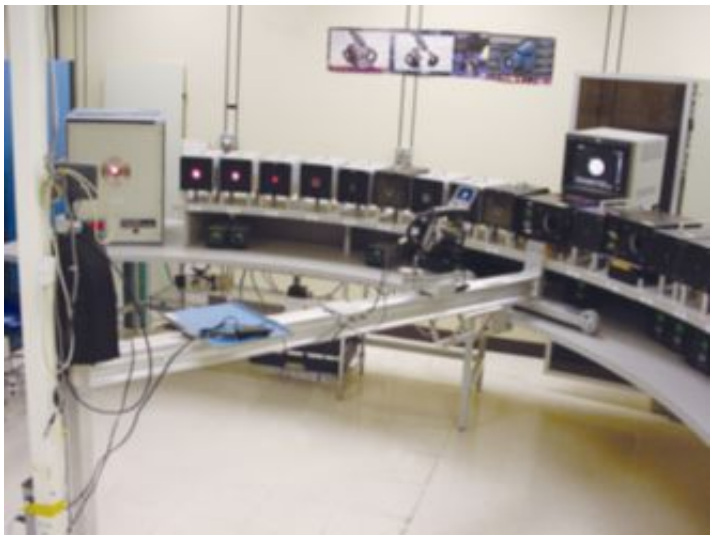
FLIR Systems service

The FLIR Systems service team's mission is to provide the world's best service and support for your high-performance infrared camera and accessories. FLIR Systems offers a variety of service packages to help you gain the most from your investment in an infrared camera. FLIR Systems also recommends its 14 Point Inspection & Calibration program on an annual basis to ensure correct temperature readings.

Service and support

FLIR Systems is committed to providing you with superior customer service and infrared camera support. Our customer service staff is available to take your calls during regular business hours. We have skilled technicians ready to assist you! Software and application support can be found 24 hours a day at:

http://support.flir.com



Documentation downloads

At http://support.flir.com you can search among more than 2500 manuals, mechanical drawings, and CAD data files from FLIR Systems (over 270,000 pages of technical information). The collection also includes manuals for our obsolete products, as well as manuals from our predecessors and acquired companies AGA, Agema, FSI, Inframetrics, Indigo Systems, and Cedip.

Software downloads

At http://support.flir.com you can also download evaluation versions of our software, as well as service packs, patches, bug fixes, etc. Downloading software requires a simple customer registration.

Downloads of datasheets and product catalogs

At http://support.flir.com we also provide datasheets and product catalogs for all our products. These publications are re-published every night (CET) to make sure that they contain the very latest information. They are available in A4 and US letter sizes. No customer registration is needed to download these publications.

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FLIR KFx series

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FLIR KF6, NTSC, Top Mounted, F

P/N: 70901-0101

Revision

42641

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Specifcations subject to change without further notice. Camera models and accessories subject to regional market considerations. License procedures may apply. Products described herein may be subject to US Export Regulations. Please refer to exportquestions@fir.com with any questions.

Website

http://www.flir.com

Customer support

http://support.flir.com

General description
Large fires need substantial equipment to extinguish them as fast as possible. When entire buildings such as warehouses or other large structures catch fire, a fire truck with an aerial command platform needs to be at the scene. A fire hose is mounted on the aerial platform, and an operator directs the hose so that it sprays onto the fire. Often, the view of the operator is obstructed by smoke so that it is impossible to see if the hose is directed onto the flames. But with a thermal imaging camera like the FLIR KF6, the operator is able to see through the smoke. The flames will appear white in the thermal image and the water spray black, so that the operator can see if they are effectively hitting the flames.
Benefits:
• Crisp thermal images: The FLIR KF6 contains a maintenance-free, Vanadium oxide (VOx) detector that produces crisp thermal images. This allows for detailed thermal images in which even small details can be seen and small hot spots detected during overhaul operations. • FSX—Flexible Scene Enhancement: Details in the thermal image are enhanced through digital image processing inside the camera. The result is an ultra-sharp thermal image that shows more detail than a standard image. FSX makes it easier for firefighters to see through smoke and find hot spots—even in scenes with extreme temperature dynamics that are typical for a firefighting environment. • Rugged and reliable: The FLIR KF6 is designed to meet tough operating conditions. Its core is well protected by a rugged housing, meaning that the detector cannot be harmed by smoke or water. • Easy to install: The FLIR KF6 is easy to install on any aerial platform. Just connect it to 10.5–32 V DC and you will get composite video out. No communication or hand controls needed—it is fully automatic.

Imaging and optical data	
IR resolution	640 × 480 pixels
Thermal sensitivity/NETD	< 100 mK at f/1.4
Field of view (FOV)	69° × 56°
Focus	Fixed
F number	1.4
Image frequency	30 Hz

Detector data	
Detector type	Focal plane array, uncooled microbolometer
Spectral range	7.5–13.5 µm

Image presentation	
Image mode	TI Basic firefighting mode
Auto range	Yes

Measurement	
Object temperature range	• High-gain range: –25 to +135°C (–13 to +275°F) • Low-gain range: 0 to +550°C (+32 to +1022°F)
Accuracy	±10°C (±18°F) or ±10% in high gain range

Measurement analysis	
Spotmeter	1

FLIR KF6, NTSC, Top Mounted, F

P/N: 70901-0101

Revision

42641

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Website

http://www.flir.com

Customer support

http://support.flir.com

Measurement analysis	
Isotherm	Yes

Configuration	
Video standard	NTSC
Mounting	Top mounted
Temperature unit	°F

Composite video	
Video out	Composite video output, NTSC compatible

Power system	
Power input	10.5–32 V DC (ISO 7637-2)
Start-up time	< 25 seconds
Power consumption	< 5 W average, when supplied with 28 V DC

Connector	
Power and video connector	13-pin MIL-C-38999, D38999/24FB35PN Mating connector: D38999/26FB35SN

Environmental data	
Operating temperature range	–32 to +65°C (–26 to +149°F)
Storage temperature range	–40 to +70°C (–40 to +158°F)
Humidity (operating and storage)	IEC 600 68-2-30, 24 hours, 95% relative humidity, 25–40°C (77–104°F), two cycles
EMC	• EN 61000-6-2:2005 (immunity) • EN 61000-6-3:2011 (emission) • FCC 47 CFR Part 15 B (emission) • ISO7637-2 Road Vehicles – Electrical Disturbances from conduction and coupling – Part 2: Electrical transient conduction along supply lines only. (Immunity)
Encapsulation	IP 67 (IEC 605 29)
Shock	IEC 600 68-2-27, 25*g* peak half sine wave
Vibration	IEC 600 68-2-6, 0.15 mm 10 Hz to 58 Hz and 2 g 58 to 500 Hz sinusoidal

Physical data	
Weight	1.2 ± 0.1 kg (2.6 ± 0.2 lb.)
Size (L × W × H)	158 mm × 112 mm × 89 mm (6.2 in. × 4.4 in. × 3.5 in.)
Housing material	Aluminum
Color	White and black

Shipping information	
List of contents	• Infrared camera • Printed documentation
Packaging size	247 mm × 175 mm × 175 mm (9.7 in. × 6.9 in. × 6.9 in.)
EAN-13	7332558011317
UPC-12	845188012236

FLIR KF6, NTSC, Top Mounted, F

P/N: 70901-0101

Revision

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Website

http://www.flir.com

Customer support

http://support.flir.com

Shipping information	
Country of origin	Sweden

Supplies and accessories:

- T129748ACC; Power and video cable, 2 m

FLIR KF6, NTSC, Top Mounted, C

P/N: 70901-0201

Revision

42642

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Website

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Customer support

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General description
Large fires need substantial equipment to extinguish them as fast as possible. When entire buildings such as warehouses or other large structures catch fire, a fire truck with an aerial command platform needs to be at the scene. A fire hose is mounted on the aerial platform, and an operator directs the hose so that it sprays onto the fire. Often, the view of the operator is obstructed by smoke so that it is impossible to see if the hose is directed onto the flames. But with a thermal imaging camera like the FLIR KF6, the operator is able to see through the smoke. The flames will appear white in the thermal image and the water spray black, so that the operator can see if they are effectively hitting the flames.
Benefits:
• Crisp thermal images: The FLIR KF6 contains a maintenance-free, Vanadium oxide (VOx) detector that produces crisp thermal images. This allows for detailed thermal images in which even small details can be seen and small hot spots detected during overhaul operations. • FSX—Flexible Scene Enhancement: Details in the thermal image are enhanced through digital image processing inside the camera. The result is an ultra-sharp thermal image that shows more detail than a standard image. FSX makes it easier for firefighters to see through smoke and find hot spots—even in scenes with extreme temperature dynamics that are typical for a firefighting environment. • Rugged and reliable: The FLIR KF6 is designed to meet tough operating conditions. Its core is well protected by a rugged housing, meaning that the detector cannot be harmed by smoke or water. • Easy to install: The FLIR KF6 is easy to install on any aerial platform. Just connect it to 10.5–32 V DC and you will get composite video out. No communication or hand controls needed—it is fully automatic.

Imaging and optical data	
IR resolution	640 × 480 pixels
Thermal sensitivity/NETD	< 100 mK at f/1.4
Field of view (FOV)	69° × 56°
Focus	Fixed
F number	1.4
Image frequency	30 Hz

Detector data	
Detector type	Focal plane array, uncooled microbolometer
Spectral range	7.5–13.5 µm

Image presentation	
Image mode	TI Basic firefighting mode
Auto range	Yes

Measurement	
Object temperature range	• High-gain range: –25 to +135°C (–13 to +275°F) • Low-gain range: 0 to +550°C (+32 to +1022°F)
Accuracy	±10°C (±18°F) or ±10% in high gain range

Measurement analysis	
Spotmeter	1

FLIR KF6, NTSC, Top Mounted, C

P/N: 70901-0201

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Website

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Customer support

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Measurement analysis	
Isotherm	Yes

Configuration	
Video standard	NTSC
Mounting	Top mounted
Temperature unit	°C

Composite video	
Video out	Composite video output, NTSC compatible

Power system	
Power input	10.5–32 V DC (ISO 7637-2)
Start-up time	< 25 seconds
Power consumption	< 5 W average, when supplied with 28 V DC

Connector	
Power and video connector	13-pin MIL-C-38999, D38999/24FB35PN Mating connector: D38999/26FB35SN

Environmental data	
Operating temperature range	–32 to +65°C (–26 to +149°F)
Storage temperature range	–40 to +70°C (–40 to +158°F)
Humidity (operating and storage)	IEC 600 68-2-30, 24 hours, 95% relative humidity, 25–40°C (77–104°F), two cycles
EMC	• EN 61000-6-2:2005 (immunity) • EN 61000-6-3:2011 (emission) • FCC 47 CFR Part 15 B (emission) • ISO7637-2 Road Vehicles – Electrical Disturbances from conduction and coupling – Part 2: Electrical transient conduction along supply lines only. (Immunity)
Encapsulation	IP 67 (IEC 605 29)
Shock	IEC 600 68-2-27, 25*g* peak half sine wave
Vibration	IEC 600 68-2-6, 0.15 mm 10 Hz to 58 Hz and 2 g 58 to 500 Hz sinusoidal

Physical data	
Weight	1.2 ± 0.1 kg (2.6 ± 0.2 lb.)
Size (L × W × H)	158 mm × 112 mm × 89 mm (6.2 in. × 4.4 in. × 3.5 in.)
Housing material	Aluminum
Color	White and black

Shipping information	
List of contents	• Infrared camera • Printed documentation
Packaging size	247 mm × 175 mm × 175 mm (9.7 in. × 6.9 in. × 6.9 in.)
EAN-13	7332558011324
UPC-12	845188012243

FLIR KF6, NTSC, Top Mounted, C

P/N: 70901-0201

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Website

http://www.flir.com

Customer support

http://support.flir.com

Shipping information	
Country of origin	Sweden

Supplies and accessories:

- T129748ACC; Power and video cable, 2 m

FLIR KF6, NTSC, Bottom Mounted, F

P/N: 70901-0301

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Website

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Customer support

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General description
Large fires need substantial equipment to extinguish them as fast as possible. When entire buildings such as warehouses or other large structures catch fire, a fire truck with an aerial command platform needs to be at the scene. A fire hose is mounted on the aerial platform, and an operator directs the hose so that it sprays onto the fire. Often, the view of the operator is obstructed by smoke so that it is impossible to see if the hose is directed onto the flames. But with a thermal imaging camera like the FLIR KF6, the operator is able to see through the smoke. The flames will appear white in the thermal image and the water spray black, so that the operator can see if they are effectively hitting the flames.
Benefits:
• Crisp thermal images: The FLIR KF6 contains a maintenance-free, Vanadium oxide (VOx) detector that produces crisp thermal images. This allows for detailed thermal images in which even small details can be seen and small hot spots detected during overhaul operations. • FSX—Flexible Scene Enhancement: Details in the thermal image are enhanced through digital image processing inside the camera. The result is an ultra-sharp thermal image that shows more detail than a standard image. FSX makes it easier for firefighters to see through smoke and find hot spots—even in scenes with extreme temperature dynamics that are typical for a firefighting environment. • Rugged and reliable: The FLIR KF6 is designed to meet tough operating conditions. Its core is well protected by a rugged housing, meaning that the detector cannot be harmed by smoke or water. • Easy to install: The FLIR KF6 is easy to install on any aerial platform. Just connect it to 10.5–32 V DC and you will get composite video out. No communication or hand controls needed—it is fully automatic.

Imaging and optical data	
IR resolution	640 × 480 pixels
Thermal sensitivity/NETD	< 100 mK at f/1.4
Field of view (FOV)	69° × 56°
Focus	Fixed
F number	1.4
Image frequency	30 Hz

Detector data	
Detector type	Focal plane array, uncooled microbolometer
Spectral range	7.5–13.5 µm

Image presentation	
Image mode	TI Basic firefighting mode
Auto range	Yes

Measurement	
Object temperature range	• High-gain range: –25 to +135°C (–13 to +275°F) • Low-gain range: 0 to +550°C (+32 to +1022°F)
Accuracy	±10°C (±18°F) or ±10% in high gain range

Measurement analysis	
Spotmeter	1

FLIR KF6, NTSC, Bottom Mounted, F

P/N: 70901-0301

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Website

http://www.flir.com

Customer support

http://support.flir.com

Measurement analysis	
Isotherm	Yes

Configuration	
Video standard	NTSC
Mounting	Bottom mounted
Temperature unit	°F

Composite video	
Video out	Composite video output, NTSC compatible

Power system	
Power input	10.5–32 V DC (ISO 7637-2)
Start-up time	< 25 seconds
Power consumption	< 5 W average, when supplied with 28 V DC

Connector	
Power and video connector	13-pin MIL-C-38999, D38999/24FB35PN Mating connector: D38999/26FB35SN

Environmental data	
Operating temperature range	–32 to +65°C (–26 to +149°F)
Storage temperature range	–40 to +70°C (–40 to +158°F)
Humidity (operating and storage)	IEC 600 68-2-30, 24 hours, 95% relative humidity, 25–40°C (77–104°F), two cycles
EMC	• EN 61000-6-2:2005 (immunity) • EN 61000-6-3:2011 (emission) • FCC 47 CFR Part 15 B (emission) • ISO7637-2 Road Vehicles – Electrical Disturbances from conduction and coupling – Part 2: Electrical transient conduction along supply lines only. (Immunity)
Encapsulation	IP 67 (IEC 605 29)
Shock	IEC 600 68-2-27, 25*g* peak half sine wave
Vibration	IEC 600 68-2-6, 0.15 mm 10 Hz to 58 Hz and 2 g 58 to 500 Hz sinusoidal

Physical data	
Weight	1.2 ± 0.1 kg (2.6 ± 0.2 lb.)
Size (L × W × H)	158 mm × 112 mm × 89 mm (6.2 in. × 4.4 in. × 3.5 in.)
Housing material	Aluminum
Color	White and black

Shipping information	
List of contents	• Infrared camera • Printed documentation
Packaging size	247 mm × 175 mm × 175 mm (9.7 in. × 6.9 in. × 6.9 in.)
EAN-13	7332558011331
UPC-12	845188012250

FLIR KF6, NTSC, Bottom Mounted, F

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Website

http://www.flir.com

Customer support

http://support.flir.com

Shipping information	
Country of origin	Sweden

Supplies and accessories:

- T129748ACC; Power and video cable, 2 m

FLIR KF6, NTSC, Bottom Mounted, C

P/N: 70901-0401

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Website

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Customer support

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General description
Large fires need substantial equipment to extinguish them as fast as possible. When entire buildings such as warehouses or other large structures catch fire, a fire truck with an aerial command platform needs to be at the scene. A fire hose is mounted on the aerial platform, and an operator directs the hose so that it sprays onto the fire. Often, the view of the operator is obstructed by smoke so that it is impossible to see if the hose is directed onto the flames. But with a thermal imaging camera like the FLIR KF6, the operator is able to see through the smoke. The flames will appear white in the thermal image and the water spray black, so that the operator can see if they are effectively hitting the flames.
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Imaging and optical data	
IR resolution	640 × 480 pixels
Thermal sensitivity/NETD	< 100 mK at f/1.4
Field of view (FOV)	69° × 56°
Focus	Fixed
F number	1.4
Image frequency	30 Hz

Detector data	
Detector type	Focal plane array, uncooled microbolometer
Spectral range	7.5–13.5 µm

Image presentation	
Image mode	TI Basic firefighting mode
Auto range	Yes

Measurement	
Object temperature range	• High-gain range: –25 to +135°C (–13 to +275°F) • Low-gain range: 0 to +550°C (+32 to +1022°F)
Accuracy	±10°C (±18°F) or ±10% in high gain range

Measurement analysis	
Spotmeter	1

FLIR KF6, NTSC, Bottom Mounted, C

P/N: 70901-0401

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Website

http://www.flir.com

Customer support

http://support.flir.com

Measurement analysis	
Isotherm	Yes

Configuration	
Video standard	NTSC
Mounting	Bottom mounted
Temperature unit	°C

Composite video	
Video out	Composite video output, NTSC compatible

Power system	
Power input	10.5–32 V DC (ISO 7637-2)
Start-up time	< 25 seconds
Power consumption	< 5 W average, when supplied with 28 V DC

Connector	
Power and video connector	13-pin MIL-C-38999, D38999/24FB35PN Mating connector: D38999/26FB35SN

Environmental data	
Operating temperature range	–32 to +65°C (–26 to +149°F)
Storage temperature range	–40 to +70°C (–40 to +158°F)
Humidity (operating and storage)	IEC 600 68-2-30, 24 hours, 95% relative humidity, 25–40°C (77–104°F), two cycles
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Encapsulation	IP 67 (IEC 605 29)
Shock	IEC 600 68-2-27, 25*g* peak half sine wave
Vibration	IEC 600 68-2-6, 0.15 mm 10 Hz to 58 Hz and 2 g 58 to 500 Hz sinusoidal

Physical data	
Weight	1.2 ± 0.1 kg (2.6 ± 0.2 lb.)
Size (L × W × H)	158 mm × 112 mm × 89 mm (6.2 in. × 4.4 in. × 3.5 in.)
Housing material	Aluminum
Color	White and black

Shipping information	
List of contents	• Infrared camera • Printed documentation
Packaging size	247 mm × 175 mm × 175 mm (9.7 in. × 6.9 in. × 6.9 in.)
EAN-13	7332558011348
UPC-12	845188012267

FLIR KF6, NTSC, Bottom Mounted, C

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Website

http://www.flir.com

Customer support

http://support.flir.com

Shipping information	
Country of origin	Sweden

Supplies and accessories:

- T129748ACC; Power and video cable, 2 m

FLIR KF6, PAL, Top Mounted, F

P/N: 70901-0501

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
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• Crisp thermal images: The FLIR KF6 contains a maintenance-free, Vanadium oxide (VOx) detector that produces crisp thermal images. This allows for detailed thermal images in which even small details can be seen and small hot spots detected during overhaul operations. • FSX—Flexible Scene Enhancement: Details in the thermal image are enhanced through digital image processing inside the camera. The result is an ultra-sharp thermal image that shows more detail than a standard image. FSX makes it easier for firefighters to see through smoke and find hot spots—even in scenes with extreme temperature dynamics that are typical for a firefighting environment. • Rugged and reliable: The FLIR KF6 is designed to meet tough operating conditions. Its core is well protected by a rugged housing, meaning that the detector cannot be harmed by smoke or water. • Easy to install: The FLIR KF6 is easy to install on any aerial platform. Just connect it to 10.5–32 V DC and you will get composite video out. No communication or hand controls needed—it is fully automatic.

Imaging and optical data	
IR resolution	640 × 512 pixels
Thermal sensitivity/NETD	< 100 mK at f/1.4
Field of view (FOV)	69° × 56°
Focus	Fixed
F number	1.4
Image frequency	25 Hz

Detector data	
Detector type	Focal plane array, uncooled microbolometer
Spectral range	7.5–13.5 µm

Image presentation	
Image mode	TI Basic firefighting mode
Auto range	Yes

Measurement	
Object temperature range	• High-gain range: –25 to +135°C (–13 to +275°F) • Low-gain range: 0 to +550°C (+32 to +1022°F)
Accuracy	±10°C (±18°F) or ±10% in high gain range

Measurement analysis	
Spotmeter	1

FLIR KF6, PAL, Top Mounted, F

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Website

http://www.flir.com

Customer support

http://support.flir.com

Measurement analysis	
Isotherm	Yes

Configuration	
Video standard	PAL
Mounting	Top mounted
Temperature unit	°F

Composite video	
Video out	Composite video output, PAL compatible

Power system	
Power input	10.5–32 V DC (ISO 7637-2)
Start-up time	< 25 seconds
Power consumption	< 5 W average, when supplied with 28 V DC

Connector	
Power and video connector	13-pin MIL-C-38999, D38999/24FB35PN Mating connector: D38999/26FB35SN

Environmental data	
Operating temperature range	–32 to +65°C (–26 to +149°F)
Storage temperature range	–40 to +70°C (–40 to +158°F)
Humidity (operating and storage)	IEC 600 68-2-30, 24 hours, 95% relative humidity, 25–40°C (77–104°F), two cycles
EMC	• EN 61000-6-2:2005 (immunity) • EN 61000-6-3:2011 (emission) • FCC 47 CFR Part 15 B (emission) • ISO7637-2 Road Vehicles – Electrical Disturbances from conduction and coupling – Part 2: Electrical transient conduction along supply lines only. (Immunity)
Encapsulation	IP 67 (IEC 605 29)
Shock	IEC 600 68-2-27, 25*g* peak half sine wave
Vibration	IEC 600 68-2-6, 0.15 mm 10 Hz to 58 Hz and 2 g 58 to 500 Hz sinusoidal

Physical data	
Weight	1.2 ± 0.1 kg (2.6 ± 0.2 lb.)
Size (L × W × H)	158 mm × 112 mm × 89 mm (6.2 in. × 4.4 in. × 3.5 in.)
Housing material	Aluminum
Color	White and black

Shipping information	
List of contents	• Infrared camera • Printed documentation
Packaging size	247 mm × 175 mm × 175 mm (9.7 in. × 6.9 in. × 6.9 in.)
EAN-13	7332558011355
UPC-12	845188012274

FLIR KF6, PAL, Top Mounted, F

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Website

http://www.flir.com

Customer support

http://support.flir.com

Shipping information	
Country of origin	Sweden

Supplies and accessories:

- T129748ACC; Power and video cable, 2 m

FLIR KF6, PAL, Top Mounted, C

P/N: 70901-0601

Revision

42646

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
Large fires need substantial equipment to extinguish them as fast as possible. When entire buildings such as warehouses or other large structures catch fire, a fire truck with an aerial command platform needs to be at the scene. A fire hose is mounted on the aerial platform, and an operator directs the hose so that it sprays onto the fire. Often, the view of the operator is obstructed by smoke so that it is impossible to see if the hose is directed onto the flames. But with a thermal imaging camera like the FLIR KF6, the operator is able to see through the smoke. The flames will appear white in the thermal image and the water spray black, so that the operator can see if they are effectively hitting the flames.
Benefits:
• Crisp thermal images: The FLIR KF6 contains a maintenance-free, Vanadium oxide (VOx) detector that produces crisp thermal images. This allows for detailed thermal images in which even small details can be seen and small hot spots detected during overhaul operations. • FSX—Flexible Scene Enhancement: Details in the thermal image are enhanced through digital image processing inside the camera. The result is an ultra-sharp thermal image that shows more detail than a standard image. FSX makes it easier for firefighters to see through smoke and find hot spots—even in scenes with extreme temperature dynamics that are typical for a firefighting environment. • Rugged and reliable: The FLIR KF6 is designed to meet tough operating conditions. Its core is well protected by a rugged housing, meaning that the detector cannot be harmed by smoke or water. • Easy to install: The FLIR KF6 is easy to install on any aerial platform. Just connect it to 10.5–32 V DC and you will get composite video out. No communication or hand controls needed—it is fully automatic.

Imaging and optical data	
IR resolution	640 × 512 pixels
Thermal sensitivity/NETD	< 100 mK at f/1.4
Field of view (FOV)	69° × 56°
Focus	Fixed
F number	1.4
Image frequency	25 Hz

Detector data	
Detector type	Focal plane array, uncooled microbolometer
Spectral range	7.5–13.5 µm

Image presentation	
Image mode	TI Basic firefighting mode
Auto range	Yes

Measurement	
Object temperature range	• High-gain range: –25 to +135°C (–13 to +275°F) • Low-gain range: 0 to +550°C (+32 to +1022°F)
Accuracy	±10°C (±18°F) or ±10% in high gain range

Measurement analysis	
Spotmeter	1

FLIR KF6, PAL, Top Mounted, C

P/N: 70901-0601

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Website

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Customer support

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Measurement analysis	
Isotherm	Yes

Configuration	
Video standard	PAL
Mounting	Top mounted
Temperature unit	°C

Composite video	
Video out	Composite video output, PAL compatible

Power system	
Power input	10.5–32 V DC (ISO 7637-2)
Start-up time	< 25 seconds
Power consumption	< 5 W average, when supplied with 28 V DC

Connector	
Power and video connector	13-pin MIL-C-38999, D38999/24FB35PN Mating connector: D38999/26FB35SN

Environmental data	
Operating temperature range	–32 to +65°C (–26 to +149°F)
Storage temperature range	–40 to +70°C (–40 to +158°F)
Humidity (operating and storage)	IEC 600 68-2-30, 24 hours, 95% relative humidity, 25–40°C (77–104°F), two cycles
EMC	• EN 61000-6-2:2005 (immunity) • EN 61000-6-3:2011 (emission) • FCC 47 CFR Part 15 B (emission) • ISO7637-2 Road Vehicles – Electrical Disturbances from conduction and coupling – Part 2: Electrical transient conduction along supply lines only. (Immunity)
Encapsulation	IP 67 (IEC 605 29)
Shock	IEC 600 68-2-27, 25*g* peak half sine wave
Vibration	IEC 600 68-2-6, 0.15 mm 10 Hz to 58 Hz and 2 g 58 to 500 Hz sinusoidal

Physical data	
Weight	1.2 ± 0.1 kg (2.6 ± 0.2 lb.)
Size (L × W × H)	158 mm × 112 mm × 89 mm (6.2 in. × 4.4 in. × 3.5 in.)
Housing material	Aluminum
Color	White and black

Shipping information	
List of contents	• Infrared camera • Printed documentation
Packaging size	247 mm × 175 mm × 175 mm (9.7 in. × 6.9 in. × 6.9 in.)
EAN-13	7332558011362
UPC-12	845188012281

FLIR KF6, PAL, Top Mounted, C

P/N: 70901-0601

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Website

http://www.flir.com

Customer support

http://support.flir.com

Shipping information	
Country of origin	Sweden

Supplies and accessories:

- T129748ACC; Power and video cable, 2 m

FLIR KF6, PAL, Bottom Mounted, F

P/N: 70901-0701

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General description
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Benefits:
• Crisp thermal images: The FLIR KF6 contains a maintenance-free, Vanadium oxide (VOx) detector that produces crisp thermal images. This allows for detailed thermal images in which even small details can be seen and small hot spots detected during overhaul operations. • FSX—Flexible Scene Enhancement: Details in the thermal image are enhanced through digital image processing inside the camera. The result is an ultra-sharp thermal image that shows more detail than a standard image. FSX makes it easier for firefighters to see through smoke and find hot spots—even in scenes with extreme temperature dynamics that are typical for a firefighting environment. • Rugged and reliable: The FLIR KF6 is designed to meet tough operating conditions. Its core is well protected by a rugged housing, meaning that the detector cannot be harmed by smoke or water. • Easy to install: The FLIR KF6 is easy to install on any aerial platform. Just connect it to 10.5–32 V DC and you will get composite video out. No communication or hand controls needed—it is fully automatic.

Imaging and optical data	
IR resolution	640 × 512 pixels
Thermal sensitivity/NETD	< 100 mK at f/1.4
Field of view (FOV)	69° × 56°
Focus	Fixed
F number	1.4
Image frequency	25 Hz

Detector data	
Detector type	Focal plane array, uncooled microbolometer
Spectral range	7.5–13.5 µm

Image presentation	
Image mode	TI Basic firefighting mode
Auto range	Yes

Measurement	
Object temperature range	• High-gain range: –25 to +135°C (–13 to +275°F) • Low-gain range: 0 to +550°C (+32 to +1022°F)
Accuracy	±10°C (±18°F) or ±10% in high gain range

Measurement analysis	
Spotmeter	1

FLIR KF6, PAL, Bottom Mounted, F

P/N: 70901-0701

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Website

http://www.flir.com

Customer support

http://support.flir.com

Measurement analysis	
Isotherm	Yes

Configuration	
Video standard	PAL
Mounting	Bottom mounted
Temperature unit	°F

Composite video	
Video out	Composite video output, PAL compatible

Power system	
Power input	10.5–32 V DC (ISO 7637-2)
Start-up time	< 25 seconds
Power consumption	< 5 W average, when supplied with 28 V DC

Connector	
Power and video connector	13-pin MIL-C-38999, D38999/24FB35PN Mating connector: D38999/26FB35SN

Environmental data	
Operating temperature range	–32 to +65°C (–26 to +149°F)
Storage temperature range	–40 to +70°C (–40 to +158°F)
Humidity (operating and storage)	IEC 600 68-2-30, 24 hours, 95% relative humidity, 25–40°C (77–104°F), two cycles
EMC	• EN 61000-6-2:2005 (immunity) • EN 61000-6-3:2011 (emission) • FCC 47 CFR Part 15 B (emission) • ISO7637-2 Road Vehicles – Electrical Disturbances from conduction and coupling – Part 2: Electrical transient conduction along supply lines only. (Immunity)
Encapsulation	IP 67 (IEC 605 29)
Shock	IEC 600 68-2-27, 25*g* peak half sine wave
Vibration	IEC 600 68-2-6, 0.15 mm 10 Hz to 58 Hz and 2 g 58 to 500 Hz sinusoidal

Physical data	
Weight	1.2 ± 0.1 kg (2.6 ± 0.2 lb.)
Size (L × W × H)	158 mm × 112 mm × 89 mm (6.2 in. × 4.4 in. × 3.5 in.)
Housing material	Aluminum
Color	White and black

Shipping information	
List of contents	• Infrared camera • Printed documentation
Packaging size	247 mm × 175 mm × 175 mm (9.7 in. × 6.9 in. × 6.9 in.)
EAN-13	7332558011379
UPC-12	845188012298

FLIR KF6, PAL, Bottom Mounted, F

P/N: 70901-0701

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Website

http://www.flir.com

Customer support

http://support.flir.com

Shipping information	
Country of origin	Sweden

Supplies and accessories:

- T129748ACC; Power and video cable, 2 m

FLIR KF6, PAL, Bottom Mounted, C

P/N: 70901-0801

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• Crisp thermal images: The FLIR KF6 contains a maintenance-free, Vanadium oxide (VOx) detector that produces crisp thermal images. This allows for detailed thermal images in which even small details can be seen and small hot spots detected during overhaul operations. • FSX—Flexible Scene Enhancement: Details in the thermal image are enhanced through digital image processing inside the camera. The result is an ultra-sharp thermal image that shows more detail than a standard image. FSX makes it easier for firefighters to see through smoke and find hot spots—even in scenes with extreme temperature dynamics that are typical for a firefighting environment. • Rugged and reliable: The FLIR KF6 is designed to meet tough operating conditions. Its core is well protected by a rugged housing, meaning that the detector cannot be harmed by smoke or water. • Easy to install: The FLIR KF6 is easy to install on any aerial platform. Just connect it to 10.5–32 V DC and you will get composite video out. No communication or hand controls needed—it is fully automatic.

Imaging and optical data	
IR resolution	640 × 512 pixels
Thermal sensitivity/NETD	< 100 mK at f/1.4
Field of view (FOV)	69° × 56°
Focus	Fixed
F number	1.4
Image frequency	25 Hz

Detector data	
Detector type	Focal plane array, uncooled microbolometer
Spectral range	7.5–13.5 µm

Image presentation	
Image mode	TI Basic firefighting mode
Auto range	Yes

Measurement	
Object temperature range	• High-gain range: –25 to +135°C (–13 to +275°F) • Low-gain range: 0 to +550°C (+32 to +1022°F)
Accuracy	±10°C (±18°F) or ±10% in high gain range

Measurement analysis	
Spotmeter	1

FLIR KF6, PAL, Bottom Mounted, C

P/N: 70901-0801

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Website

http://www.flir.com

Customer support

http://support.flir.com

Measurement analysis	
Isotherm	Yes

Configuration	
Video standard	PAL
Mounting	Bottom mounted
Temperature unit	°C

Composite video	
Video out	Composite video output, PAL compatible

Power system	
Power input	10.5–32 V DC (ISO 7637-2)
Start-up time	< 25 seconds
Power consumption	< 5 W average, when supplied with 28 V DC

Connector	
Power and video connector	13-pin MIL-C-38999, D38999/24FB35PN Mating connector: D38999/26FB35SN

Environmental data	
Operating temperature range	–32 to +65°C (–26 to +149°F)
Storage temperature range	–40 to +70°C (–40 to +158°F)
Humidity (operating and storage)	IEC 600 68-2-30, 24 hours, 95% relative humidity, 25–40°C (77–104°F), two cycles
EMC	• EN 61000-6-2:2005 (immunity) • EN 61000-6-3:2011 (emission) • FCC 47 CFR Part 15 B (emission) • ISO7637-2 Road Vehicles – Electrical Disturbances from conduction and coupling – Part 2: Electrical transient conduction along supply lines only. (Immunity)
Encapsulation	IP 67 (IEC 605 29)
Shock	IEC 600 68-2-27, 25*g* peak half sine wave
Vibration	IEC 600 68-2-6, 0.15 mm 10 Hz to 58 Hz and 2 g 58 to 500 Hz sinusoidal

Physical data	
Weight	1.2 ± 0.1 kg (2.6 ± 0.2 lb.)
Size (L × W × H)	158 mm × 112 mm × 89 mm (6.2 in. × 4.4 in. × 3.5 in.)
Housing material	Aluminum
Color	White and black

Shipping information	
List of contents	• Infrared camera • Printed documentation
Packaging size	247 mm × 175 mm × 175 mm (9.7 in. × 6.9 in. × 6.9 in.)
EAN-13	7332558011386
UPC-12	845188012304

FLIR KF6, PAL, Bottom Mounted, C

P/N: 70901-0801

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Website

http://www.flir.com

Customer support

http://support.flir.com

Shipping information	
Country of origin	Sweden

Supplies and accessories:

- T129748ACC; Power and video cable, 2 m

FLIR Kx series

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FLIR K2

P/N: 73701-0101

Revision

41703

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Website

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Customer support

http://support.flir.com

General description
The FLIR K2 is a robust and reliable infrared camera designed to perform under extremely severe conditions. The FLIR K2 has an intuitive interface with a design that makes it easy to control even with a gloved hand.
Benefits:
• Robust and reliable: The FLIR K2 is designed to meet tough operating conditions. It can withstand a drop from 2 m (6.5 ft.), is water resistant to IP67, and is fully operational up to 55°C (135°F), and operational up to +85°C (+185°F) for 15 minutes, +150°C (+302°F) for 10 minutes, and +260°C (+500°F) for 3 minutes. • Innovative: The FLIR K2 utilizes our patented technology MSX, where a thermal sensor is combined with a visual camera sensor to give detailed image information in many user situations. • Easy-to-use: Easily used in a gloved professional hand. An intuitive and simple user interface allows you to focus on the job. The FLIR K2 can be controlled by just one large button on top of the unit.
Typical applications:
• Heat detection. • Search and rescue. • Final extinction. • Back-up camera. • Scanning camera. • Fire attack.

Imaging and optical data	
IR resolution	160 × 120 pixels
Thermal sensitivity/NETD	< 100 mK @ +30°C (+86°F)
Field of view (FOV)	47° × 35°
Depth of field	0.1 m (0.33 ft.), infinity
Focal length	1.9 mm (0.075 in.)
Spatial resolution (IFOV)	6.22 mrad
F-number	1.1
Image frequency	9 Hz
Focus	Fixed

Detector data	
Detector type	Focal plane array, uncooled microbolometer
Spectral range	7.5–13 µm
Pitch	12 µm

FLIR K2

P/N: 73701-0101

Revision

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Website

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Customer support

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Visual camera	
Built-in digital camera	640 × 480 pixels
Digital camera, FOV	73° × 61°, adapts to the IR lens
Sensitivity	Minimum 10 lux

Image presentation	
Display	3 in. LCD, 320 × 240 pixels, backlit
Auto range	Auto, non-selectable

Image presentation modes	
Image modes	• Basic fire-fighting mode (default) • Black-and-white fire-fighting mode • Fire mode • Search-and-rescue mode • Heat detection mode • Cold detection mode • Building analysis mode **NOTE:** The image mode can only be changed using FLIR Tools.
Multi Spectral Dynamic Imaging (MSX)	Yes

Measurement	
Object temperature range	• –20°C to +150°C (–4°F to +302°F) • 0°C to +500°C (+32°F to +932°F)
Accuracy	±4°C (±7.2°F) or ±4% for ambient temperatures of 10–35°C (50–95°F)

Measurement analysis	
Spotmeter	1
Automatic hot detection	Heat detection mode (the hottest 20% of the of scene is colorized)
Isotherm	Yes

USB	
USB	USB Micro-B

Compatibility	
Compatible with FLIR software	FLIR Tools

Data communication interfaces	
Interfaces	Update from PC devices

Power system	
Battery type	Li ion
Battery voltage	3.6 V
Battery capacity	2.6 Ah at 20–25°C (68–77°F)
Battery operating time	Approximately 4 hours at +25°C (+77°F) ambient temperature and typical use
Charging system	Battery is charged inside the camera or in a dedicated charger
Charging time	2.5 h to 90% capacity, charging status indicated by LEDs

P/N: 73701-0101

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Customer support

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Power system	
Charging temperature	0–45°C (32–113°F)
Power management	Automatic shutdown and sleep mode
Start-up time from sleep mode	10 seconds
Start-up time	30 seconds

Environmental data	
Operating temperature range	• –10°C to +55°C (+14°F to +131°F): infinity • +85°C (+185°F): 15 minutes • +150°C (+302°F): 10 minutes • +260°C (+500°F): 3 minutes
Storage temperature range	–40°C to +70°C (–40°F to +158°F)
Humidity (operating and storage)	IEC 60068-2-30, 24 hours, 95% relative humidity, 25–40°C (77–104°F), 2 cycles
Relative humidity	95% relative humidity, 25–40°C (77–104°F), non-condensing
EMC	• EN 61000-6-2:2005 (immunity) • EN 61000-6-3:2011 (emission) • FCC 47 CFR Part 15 B (emission)
Magnetic fields	EN 61 000-4-8, test level 5 for continuous field (severe industrial environment)
Encapsulation	IP 67 (IEC 60529)
Corrosion	ASTM B117, salt spray, 5% saline solution in 48 hours and +35°C
Shock	25 g (IEC 60068-2-27)
Vibration	2 g (IEC 60068-2-6)
Drop	2 m (6.6 ft.)
Safety (power supply)	CE/EN/UL/CSA/PSE 60950-1

Physical data	
Camera weight, incl. battery	0.7 kg (1.54 lb.)
Battery weight	0.119 kg (0.26 lb.)
Camera size (L × W × H)	250 mm × 105 mm × 90 mm (9.8 in. × 4.1 in. × 3.5 in.)
Tripod mounting	UNC ¼″-20
Material	• PPSU • Silicon rubber • Aluminium, cast • Flame-resistant magnesium alloy

Shipping information	
List of contents	• Infrared camera • Battery (×2) • Battery charger • Lanyard strap • Power supply • Printed documentation • USB cable
Packaging, weight	• 1-pack: 2.06 kg (4.5 lb.) • 5-pack: 11.2 kg (24.7 lb.)
Packaging, size	• 1-pack: 323 × 325 × 110 mm (12.7 × 12.8 × 4.3 in.) • 5-pack: 578 × 336 × 351 mm (22.93 × 13.10 × 13.68 in.)
EAN-13	4743254002050

FLIR K2

P/N: 73701-0101

Revision

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Website

http://www.flir.com

Customer support

http://support.flir.com

Shipping information	
UPC-12	845188011345
Country of origin	Estonia

Supplies & accessories:

- T198532; Car charger
- T198533; USB cable Std A <-> Micro B
- T127722ACC; Retractable lanyard
- T199127; Li-Ion Battery pack 3.6 V 2.6 Ah
- T199128; Battery charger, incl. power supply with multi plugs
- T199423ACC; Battery Li-ion 3.6 V, 2.6 Ah, 9.4 Wh
- T199414ACC; In-truck charger
- T199130; Lanyard strap
- T199357; Hard transport case

FLIR Kx3 series

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FLIR K33

P/N: 72203-0411

Revision

41168

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
The FLIR K33 is a robust and reliable infrared camera designed to perform under extremely severe conditions. The FLIR K33 has an intuitive interface with a design that makes it easy to control even with a gloved hand. The crisp and clear image helps you to navigate through smoke and to make quick and accurate decisions.
Benefits:
• Robust and reliable: The FLIR K33 is designed to meet tough operating conditions. It can withstand a drop from 2 m (6.5 ft.) onto a concrete floor, is water resistant to IP67, and is fully operational up to +85°C (+185°F), or +260°C (+500°F) for 5 min. • Clear and crisp thermal images: The maintenance-free uncooled microbolometer sensor produces clear and detail-rich images of 240 × 180 pixels which have been further improved with FSX, a digital image processing enhancement technique. Thermal images are presented on a large, bright 4″ display, helping you to navigate and to make quick and accurate decisions. • Easy-to-use—also in a gloved firefighter's hand: An intuitive and simple user interface allows you to focus on the job. The FLIR K33 can be controlled by just one large button on top of the unit. Ideal for a gloved firefighter's hand.

Imaging and optical data	
IR resolution	240 × 180 pixels
Thermal sensitivity/NETD	< 40 mK @ +30°C (+86°F)
Field of view (FOV)	51° × 38°
Depth of field	0.84 m to infinity (33 in. to infinity)
Focal length	9 mm (0.35 in.)
Spatial resolution (IFOV)	3.6 mrad
F-number	1.25
Image frequency	60 Hz
Focus	Fixed

Detector data	
Detector type	Focal plane array (FPA), uncooled microbolometer
Spectral range	7.5–13 µm
Pitch	25 µm

Image presentation	
Display	4 in. LCD, 320 × 240 pixels, backlit
Auto range	Yes, selectable on/off using FLIR Tools
Contrast optimization	Digital image enhancement using FSX

FLIR K33

P/N: 72203-0411

Revision

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Website

http://www.flir.com

Customer support

http://support.flir.com

Image presentation modes	
Image modes	TI Basic fire-fighting mode

Measurement	
Object temperature range	• –20°C to +150°C (–4°F to +302°F) • 0°C to +650°C (+32°F to +1202°F)
Accuracy	±4°C (±7.2°F) or ±4% of reading, for ambient temperature 10°C to 35°C (+50°F to 95°F)

Measurement analysis	
Spotmeter	1
Isotherm	Yes

Set-up	
Set-up commands	Local adaptation of units, date and time formats
Languages	English

Video streaming	
Non-radiometric IR video streaming	Uncompressed colorized video using USB

USB	
USB	USB Mini-B

Compatibility	
Compatible with FLIR software	FLIR Tools

Data communication interfaces	
Interfaces	• Update from PC devices • Data transfer to and from PC

Power system	
Battery type	Li Ion
Battery voltage	3.6 V
Battery capacity	4.4 Ah, at +20°C to +25°C (+68°F to +77°F)
Battery operating time	Approx. 4 hours at +25°C (+77°F) ambient temperature and typical use
Charging system	• Battery is charged inside the camera • 2-bay charger • Optional In-truck charger
Charging time	2 h to 85% capacity, charging status indicated by LEDs
Charging temperature	0°C to +45°C (+32°F to +113°F)
Power management	Automatic shutdown and sleep mode
Start-up time from sleep mode	< 4 s.
Start-up time	< 17 s. (IR image, no GUI)

Environmental data	
Operating temperature range	• –20°C to +85°C (–4°F to +185°F) • +150°C (+302°F): 15 min. • +260°C (+500°F): 5 min.
Storage temperature range	–40°C to +85°C (–40°F to +185°F)

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Website

http://www.flir.com

Customer support

http://support.flir.com

Environmental data	
Humidity (operating and storage)	IEC 60068-2-30/24 h 95% relative humidity +25°C to +40°C (+77°F to +104°F) / 2 cycles
Relative humidity	95% relative humidity +25°C to +40°C (+77°F to +104°F) non-condensing
Directives	Designed to meet NFPA 1801:2013 specification: • Vibration • Impact acceleration resistance • Corrosion • Viewing surface abrasion • Heat resistance • Heat and flame • Product label durability
EMC	• EN 61000-6-2:2005 (Immunity) • EN 61000-6-3: 2011 (Emission) • FCC 47 CFR Part 15 B (Emission)
Magnetic fields	EN 61 000-4-8, Test level 5 for continuous field (severe industrial environment)
Encapsulation	IP 67 (IEC 60529)
Shock	25 g (IEC 60068-2-27)
Vibration	2 g (IEC 60068-2-6)
Drop	2 m (6.6 ft.) on concrete floor (IEC 60068-2-31)
Safety (power supply)	CE/EN/UL/CSA/PSE 60950-1

Physical data	
Camera weight, incl. battery	1.1 ±0.05 kg (2.4 ±0.1 lb.)
Battery weight	0.152 kg (0.3 lb.)
Camera size (L × W × H)	120 × 125 × 280 mm (4.7 × 4.9 × 11 in.)
Tripod mounting	UNC ¼"-20 (adapter needed)
Material	• PPSU • Silicon rubber • Aluminium, cast • Flame-resistant magnesium alloy

Shipping information	
List of contents	• Infrared camera • Battery (2 ea.) • Battery charger • Hard transport case • Lanyard strap • Neck strap • Power supply • Printed documentation • Retractable lanyard • USB cable
Packaging, weight	5.7 kg (12.6 lb.)
Packaging, size	500 × 190 × 370 mm (19.7 × 7.5 × 14.6 in.)
EAN-13	7332558011515
UPC-12	845188012465
Country of origin	Estonia

Supplies & accessories:

- 1910423; USB cable Std A <-> Mini-B
- T198509; Cigarette lighter adapter kit, 12 VDC, 1.2 m/3.9 ft.
- T198125; Battery charger, incl. power supply with multi plugs (Exx, Kxx)
- T198310ACC; Li-Ion Battery pack 3.6 V 16 Wh
- T127724ACC; Neck strap
- T127722ACC; Retractable lanyard
- T198416ACC; Lanyard strap

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Website

http://www.flir.com

Customer support

http://support.flir.com

- T198457ACC; Tripod Adapter, Kxx
- T198441ACC; Transport case Kxx
- T198322ACC; In-truck charger
- T199368ACC; Battery Li-ion 3.6 V, 4.4 Ah, 16 Wh
- T129915ACC; Carabiner strap

FLIR K53

P/N: 72203-0511

Revision

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
The FLIR K53 is a robust and reliable infrared camera designed to perform under extremely severe conditions. The FLIR K53 has an intuitive interface with a design that makes it easy to control even with a gloved hand. The crisp and clear image helps you to navigate through smoke and to make quick and accurate decisions.
Benefits:
• Robust and reliable: The FLIR K53 is designed to meet tough operating conditions. It can withstand a drop from 2 m (6.5 ft.) onto a concrete floor, is water resistant to IP67, and is fully operational up to +85°C (+185°F), or +260°C (+500°F) for 5 min. • Clear and crisp thermal images: The maintenance-free uncooled microbolometer sensor produces clear and detail-rich images of 320 × 240 pixels which have been further improved with FSX, a digital image processing enhancement technique. Thermal images are presented on a large, bright 4″ display, helping you to navigate and to make quick and accurate decisions. • Easy-to-use—also in a gloved firefighter's hand: An intuitive and simple user interface allows you to focus on the job. The FLIR K53 can be controlled by just one large button on top of the unit. Ideal for a gloved firefighter's hand. • Recording

Imaging and optical data	
IR resolution	320 × 240 pixels
Thermal sensitivity/NETD	< 30 mK @ +30°C (+86°F)
Field of view (FOV)	51° × 38°
Depth of field	0.84 m to infinity (33 in. to infinity)
Focal length	9 mm (0.35 in.)
Spatial resolution (IFOV)	2.8 mrad
F-number	1.25
Image frequency	60 Hz
Focus	Fixed

Detector data	
Detector type	Focal plane array (FPA), uncooled microbolometer
Spectral range	7.5–13 µm
Pitch	25 µm

Image presentation	
Display	4 in. LCD, 320 × 240 pixels, backlit
Auto range	Yes, selectable on/off using FLIR Tools

FLIR K53

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Website

http://www.flir.com

Customer support

http://support.flir.com

Image presentation	
Contrast optimization	Digital image enhancement using FSX

Image presentation modes	
Image modes	TI Basic fire-fighting mode

Measurement	
Object temperature range	• –20°C to +150°C (–4°F to +302°F) • 0°C to +650°C (+32°F to +1202°F)
Accuracy	±4°C (±7.2°F) or ±4% of reading, for ambient temperature 10°C to 35°C (+50°F to 95°F)

Measurement analysis	
Spotmeter	1
Isotherm	Yes

Set-up	
Set-up commands	Local adaptation of units, date and time formats
Languages	English

Storage of images	
Image storage	Standard JPEG
Storage media	Internal flash memory
Image storage capacity	200 files in total **NOTE:** The total number of files is co-dependent on the number of saved video clips.
Image storage mode	IR only
File formats	Standard JPEG

Image annotations	
Report generation	Separate software (FLIR Tools)

Video recording in camera	
Non-radiometric IR video recording	MPEG-4 to internal flash memory
Storage capacity	200 files in total, with a maximum duration of 5 minutes each. **NOTE:** The total number of files is co-dependent on the number of saved images.

Video streaming	
Non-radiometric IR video streaming	Uncompressed colorized video using USB

USB	
USB	USB Mini-B

Compatibility	
Compatible with FLIR software	FLIR Tools

FLIR K53

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Website

http://www.flir.com

Customer support

http://support.flir.com

Data communication interfaces	
Interfaces	• Update from PC devices • Data transfer to and from PC

Power system	
Battery type	Li Ion
Battery voltage	3.6 V
Battery capacity	4.4 Ah, at +20°C to +25°C (+68°F to +77°F)
Battery operating time	Approx. 4 hours at +25°C (+77°F) ambient temperature and typical use
Charging system	• Battery is charged inside the camera • 2-bay charger • Optional In-truck charger
Charging time	2 h to 85% capacity, charging status indicated by LEDs
Charging temperature	0°C to +45°C (+32°F to +113°F)
Power management	Automatic shutdown and sleep mode
Start-up time from sleep mode	< 4 s.
Start-up time	< 17 s. (IR image, no GUI)

Environmental data	
Operating temperature range	• –20°C to +85°C (–4°F to +185°F) • +150°C (+302°F): 15 min. • +260°C (+500°F): 5 min.
Storage temperature range	–40°C to +85°C (–40°F to +185°F)
Humidity (operating and storage)	IEC 60068-2-30/24 h 95% relative humidity +25°C to +40°C (+77°F to +104°F) / 2 cycles
Relative humidity	95% relative humidity +25°C to +40°C (+77°F to +104°F) non-condensing
Directives	Designed to meet NFPA 1801:2013 specification: • Vibration • Impact acceleration resistance • Corrosion • Viewing surface abrasion • Heat resistance • Heat and flame • Product label durability
EMC	• EN 61000-6-2:2005 (Immunity) • EN 61000-6-3: 2011 (Emission) • FCC 47 CFR Part 15 B (Emission)
Magnetic fields	EN 61 000-4-8, Test level 5 for continuous field (severe industrial environment)
Encapsulation	IP 67 (IEC 60529)
Shock	25 g (IEC 60068-2-27)
Vibration	2 g (IEC 60068-2-6)
Drop	2 m (6.6 ft.) on concrete floor (IEC 60068-2-31)
Safety (power supply)	CE/EN/UL/CSA/PSE 60950-1

Physical data	
Camera weight, incl. battery	1.1 ±0.05 kg (2.4 ±0.1 lb.)
Battery weight	0.152 kg (0.3 lb.)
Camera size (L × W × H)	120 × 125 × 280 mm (4.7 × 4.9 × 11 in.)

FLIR K53

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Website

http://www.flir.com

Customer support

http://support.flir.com

Physical data	
Tripod mounting	UNC ¼"-20 (adapter needed)
Material	• PPSU • Silicon rubber • Aluminium, cast • Flame-resistant magnesium alloy

Shipping information	
List of contents	• Infrared camera • Battery (2 ea.) • Battery charger • Hard transport case • Lanyard strap • Neck strap • Power supply • Printed documentation • Retractable lanyard • USB cable
Packaging, weight	5.7 kg (12.6 lb.)
Packaging, size	500 × 190 × 370 mm (19.7 × 7.5 × 14.6 in.)
EAN-13	7332558011522
UPC-12	845188012472
Country of origin	Estonia

Supplies & accessories:

- 1910423; USB cable Std A <-> Mini-B
- T198509; Cigarette lighter adapter kit, 12 VDC, 1.2 m/3.9 ft.
- T198125; Battery charger, incl. power supply with multi plugs (Exx, Kxx)
- T198310ACC; Li-Ion Battery pack 3.6 V 16 Wh
- T127724ACC; Neck strap
- T127722ACC; Retractable lanyard
- T198416ACC; Lanyard strap
- T198457ACC; Tripod Adapter, Kxx
- T198441ACC; Transport case Kxx
- T198322ACC; In-truck charger
- T199368ACC; Battery Li-ion 3.6 V, 4.4 Ah, 16 Wh
- T129915ACC; Carabiner strap

FLIR Kx5 series

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FLIR K45

P/N: 72201-0106

Revision

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
The FLIR K45 is a robust and reliable infrared camera designed to perform under extremely severe conditions. The FLIR K45 has an intuitive interface with a design that makes it easy to control even with a gloved hand. The crisp and clear image helps you to navigate through smoke and to make quick and accurate decisions.
Benefits:
• Robust and reliable: The FLIR K45 is designed to meet tough operating conditions. It can withstand a drop from 2 m (6.5 ft.) onto a concrete floor, is water resistant to IP67, and is fully operational up to +85°C (+185°F), or +260°C (+500°F) for 5 min. • Clear and crisp thermal images: The maintenance-free uncooled microbolometer sensor produces clear and detail-rich images of 240 × 180 pixels which have been further improved with FSX, a digital image processing enhancement technique. Thermal images are presented on a large, bright 4″ display, helping you to navigate and to make quick and accurate decisions. • Easy-to-use—also in a gloved firefighter's hand: An intuitive and simple user interface allows you to focus on the job. The FLIR K series can be controlled by just three large buttons on top of the unit. Ideal for a gloved firefighter's hand.

Imaging and optical data	
IR resolution	240 × 180 pixels
Thermal sensitivity/NETD	< 40 mK @ +30°C (+86°F)
Field of view (FOV)	51° × 38°
Depth of field	0.84 m to infinity (33 in. to infinity)
Focal length	9 mm (0.35 in.)
Spatial resolution (IFOV)	3.6 mrad
F-number	1.25
Image frequency	60 Hz
Focus	Fixed
Zoom	2× digital zoom

Detector data	
Detector type	Focal plane array (FPA), uncooled microbolometer
Spectral range	7.5–13 µm
Pitch	25 µm

Image presentation	
Display	4 in. LCD, 320 × 240 pixels, backlit
Auto range	Yes, selectable on/off using FLIR Tools

FLIR K45

P/N: 72201-0106

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Website

http://www.flir.com

Customer support

http://support.flir.com

Image presentation	
Contrast optimization	Digital image enhancement using FSX

Image presentation modes	

Image modes	• IR image
	  • TI Basic fire-fighting mode
	  • Black-and-white fire-fighting mode
	  • Fire mode
	  • Search-and-rescue mode
	  • Heat detection mode
	• Thumbnail gallery

Measurement	
Object temperature range	• –20°C to +150°C (–4°F to +302°F) • 0°C to +650°C (+32°F to +1202°F)
Accuracy	±4°C (±7.2°F) or ±4% of reading, for ambient temperature 10°C to 35°C (+50°F to 95°F)

Measurement analysis	
Spotmeter	1
Automatic hot detection	Heat detection mode (the hottest 20% of the of scene is colorized)
Isotherm	Yes

Set-up	
Set-up commands	Local adaptation of units, date and time formats
Languages	English

Storage of images	
Image storage	Standard JPEG
Storage media	Internal flash memory
Image storage capacity	200 images
Image storage mode	IR only
File formats	Standard JPEG

Image annotations	
Report generation	Separate software (FLIR Tools)

Video streaming	
Non-radiometric IR video streaming	Uncompressed colorized video using USB

USB	
USB	USB Mini-B

Compatibility	
Compatible with FLIR software	FLIR Tools

Data communication interfaces	
Interfaces	• Update from PC devices • Data transfer to and from PC

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Website

http://www.flir.com

Customer support

http://support.flir.com

Power system	
Battery type	Li Ion
Battery voltage	3.6 V
Battery capacity	4.4 Ah, at +20°C to +25°C (+68°F to +77°F)
Battery operating time	Approx. 4 hours at +25°C (+77°F) ambient temperature and typical use
Charging system	• Battery is charged inside the camera • 2-bay charger • Optional In-truck charger
Charging time	2 h to 85% capacity, charging status indicated by LEDs
Charging temperature	0°C to +45°C (+32°F to +113°F)
Power management	Automatic shutdown and sleep mode
Start-up time from sleep mode	< 4 s.
Start-up time	< 17 s. (IR image, no GUI)

Environmental data	
Operating temperature range	• –20°C to +85°C (–4°F to +185°F) • +150°C (+302°F): 15 min. • +260°C (+500°F): 5 min.
Storage temperature range	–40°C to +85°C (–40°F to +185°F)
Humidity (operating and storage)	IEC 60068-2-30/24 h 95% relative humidity +25°C to +40°C (+77°F to +104°F) / 2 cycles
Relative humidity	95% relative humidity +25°C to +40°C (+77°F to +104°F) non-condensing
Directives	Designed to meet NFPA 1801:2013 specification: • Vibration • Impact acceleration resistance • Corrosion • Viewing surface abrasion • Heat resistance • Heat and flame • Product label durability
EMC	• EN 61000-6-2:2005 (Immunity) • EN 61000-6-3: 2011 (Emission) • FCC 47 CFR Part 15 B (Emission)
Magnetic fields	EN 61 000-4-8, Test level 5 for continuous field (severe industrial environment)
Encapsulation	IP 67 (IEC 60529)
Shock	25 g (IEC 60068-2-27)
Vibration	2 g (IEC 60068-2-6)
Drop	2 m (6.6 ft.) on concrete floor (IEC 60068-2-31)
Safety (power supply)	CE/EN/UL/CSA/PSE 60950-1

Physical data	
Camera weight, incl. battery	1.1 ±0.05 kg (2.4 ±0.1 lb.)
Battery weight	0.152 kg (0.3 lb.)
Camera size (L × W × H)	120 × 125 × 280 mm (4.7 × 4.9 × 11 in.)
Tripod mounting	UNC ¼"-20 (adapter needed)
Material	• PPSU • Silicon rubber • Aluminium, cast • Flame-resistant magnesium alloy

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Website

http://www.flir.com

Customer support

http://support.flir.com

Shipping information	
List of contents	• Infrared camera • Battery (2 ea.) • Battery charger • Hard transport case • Lanyard strap • Neck strap • Power supply • Printed documentation • Retractable lanyard • USB cable
Packaging, weight	5.7 kg (12.6 lb.)
Packaging, size	500 × 190 × 370 mm (19.7 × 7.5 × 14.6 in.)
EAN-13	4743254002005
UPC-12	845188010898
Country of origin	Estonia

Supplies and accessories:

- 1910423; USB cable Std A <-> Mini-B
- T198509; Cigarette lighter adapter kit, 12 VDC, 1.2 m/3.9 ft.
- T198125; Battery charger, incl. power supply with multi plugs (Exx, Kxx)
- T198310ACC; Li-Ion Battery pack 3.6 V 16 Wh
- T127724ACC; Neck strap
- T127722ACC; Retractable lanyard
- T198416ACC; Lanyard strap
- T198457ACC; Tripod Adapter, Kxx
- T198441ACC; Transport case Kxx
- T198322ACC; In-truck charger
- T199368ACC; Battery Li-ion 3.6 V, 4.4 Ah, 16 Wh
- T129915ACC; Carabiner strap

FLIR K55

P/N: 72201-0206

Revision

44707

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
The FLIR K55 is a robust and reliable infrared camera designed to perform under extremely severe conditions. The FLIR K55 has an intuitive interface with a design that makes it easy to control even with a gloved hand. The crisp and clear image helps you to navigate through smoke and to make quick and accurate decisions.
Benefits:
• Robust and reliable: The FLIR K455 is designed to meet tough operating conditions. It can withstand a drop from 2 m (6.5 ft.) onto a concrete floor, is water resistant to IP67, and is fully operational up to +85°C (+185°F), or +260°C (+500°F) for 5 min. • Clear and crisp thermal images: The maintenance-free uncooled microbolometer sensor produces clear and detail-rich images of 320 × 240 pixels which have been further improved with FSX, a digital image processing enhancement technique. Thermal images are presented on a large, bright 4″ display, helping you to navigate and to make quick and accurate decisions. • Easy-to-use—also in a gloved firefighter's hand: An intuitive and simple user interface allows you to focus on the job. The FLIR K series can be controlled by just three large buttons on top of the unit. Ideal for a gloved firefighter's hand. • Recording

Imaging and optical data	
IR resolution	320 × 240 pixels
Thermal sensitivity/NETD	< 30 mK @ +30°C (+86°F)
Field of view (FOV)	51° × 38°
Depth of field	0.84 m to infinity (33 in. to infinity)
Focal length	9 mm (0.35 in.)
Spatial resolution (IFOV)	2.8 mrad
F-number	1.25
Image frequency	60 Hz
Focus	Fixed
Zoom	2× digital zoom

Detector data	
Detector type	Focal plane array (FPA), uncooled microbolometer
Spectral range	7.5–13 µm
Pitch	25 µm

Image presentation	
Display	4 in. LCD, 320 × 240 pixels, backlit

P/N: 72201-0206

Revision

44707

Last modified

2017-09-06 09:19 UTC+1

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Website

http://www.flir.com

Customer support

http://support.flir.com

Image presentation	
Auto range	Yes, selectable on/off using FLIR Tools
Contrast optimization	Digital image enhancement using FSX

Image presentation modes	

Image modes	• IR image
	  • TI Basic fire-fighting mode
	  • Black-and-white fire-fighting mode
	  • Fire mode
	  • Search-and-rescue mode
	  • Heat detection mode
	• Thumbnail gallery

Measurement	
Object temperature range	• –20°C to +150°C (–4°F to +302°F) • 0°C to +650°C (+32°F to +1202°F)
Accuracy	±4°C (±7.2°F) or ±4% of reading, for ambient temperature 10°C to 35°C (+50°F to 95°F)

Measurement analysis	
Spotmeter	1
Automatic hot detection	Heat detection mode (the hottest 20% of the of scene is colorized)
Isotherm	Yes

Set-up	
Set-up commands	Local adaptation of units, date and time formats
Languages	English

Storage of images	
Image storage	Standard JPEG
Storage media	Internal flash memory
Image storage capacity	200 files in total **NOTE:** The total number of files is co-dependent on the number of saved video clips.
Image storage mode	IR only
File formats	Standard JPEG

Image annotations	
Report generation	Separate software (FLIR Tools)

Video recording in camera	
Non-radiometric IR video recording	MPEG-4 to internal flash memory
Storage capacity	200 files in total, with a maximum duration of 5 minutes each. **NOTE:** The total number of files is co-dependent on the number of saved images.

Video streaming	
Non-radiometric IR video streaming	Uncompressed colorized video using USB

P/N: 72201-0206

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Website

http://www.flir.com

Customer support

http://support.flir.com

USB	
USB	USB Mini-B

Compatibility	
Compatible with FLIR software	FLIR Tools

Data communication interfaces	
Interfaces	• Update from PC devices • Data transfer to and from PC

Power system	
Battery type	Li Ion
Battery voltage	3.6 V
Battery capacity	4.4 Ah, at +20°C to +25°C (+68°F to +77°F)
Battery operating time	Approx. 4 hours at +25°C (+77°F) ambient temperature and typical use
Charging system	• Battery is charged inside the camera • 2-bay charger • Optional In-truck charger
Charging time	2 h to 85% capacity, charging status indicated by LEDs
Charging temperature	0°C to +45°C (+32°F to +113°F)
Power management	Automatic shutdown and sleep mode
Start-up time from sleep mode	< 4 s.
Start-up time	< 17 s. (IR image, no GUI)

Environmental data	
Operating temperature range	• –20°C to +85°C (–4°F to +185°F) • +150°C (+302°F): 15 min. • +260°C (+500°F): 5 min.
Storage temperature range	–40°C to +85°C (–40°F to +185°F)
Humidity (operating and storage)	IEC 60068-2-30/24 h 95% relative humidity +25°C to +40°C (+77°F to +104°F) / 2 cycles
Relative humidity	95% relative humidity +25°C to +40°C (+77°F to +104°F) non-condensing
Directives	Designed to meet NFPA 1801:2013 specification: • Vibration • Impact acceleration resistance • Corrosion • Viewing surface abrasion • Heat resistance • Heat and flame • Product label durability
EMC	• EN 61000-6-2:2005 (Immunity) • EN 61000-6-3: 2011 (Emission) • FCC 47 CFR Part 15 B (Emission)
Magnetic fields	EN 61 000-4-8, Test level 5 for continuous field (severe industrial environment)
Encapsulation	IP 67 (IEC 60529)
Shock	25 g (IEC 60068-2-27)
Vibration	2 g (IEC 60068-2-6)
Drop	2 m (6.6 ft.) on concrete floor (IEC 60068-2-31)
Safety (power supply)	CE/EN/UL/CSA/PSE 60950-1

FLIR K55

P/N: 72201-0206

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Website

http://www.flir.com

Customer support

http://support.flir.com

Physical data	
Camera weight, incl. battery	1.1 ±0.05 kg (2.4 ±0.1 lb.)
Battery weight	0.152 kg (0.3 lb.)
Camera size (L × W × H)	120 × 125 × 280 mm (4.7 × 4.9 × 11 in.)
Tripod mounting	UNC ¼"-20 (adapter needed)
Material	• PPSU • Silicon rubber • Aluminium, cast • Flame-resistant magnesium alloy

Shipping information	
List of contents	• Infrared camera • Battery (2 ea.) • Battery charger • Hard transport case • Lanyard strap • Neck strap • Power supply • Printed documentation • Retractable lanyard • USB cable
Packaging, weight	5.7 kg (12.6 lb.)
Packaging, size	500 × 190 × 370 mm (19.7 × 7.5 × 14.6 in.)
EAN-13	4743254002012
UPC-12	845188010904
Country of origin	Estonia

Supplies & accessories:

- 1910423; USB cable Std A <-> Mini-B
- T198509; Cigarette lighter adapter kit, 12 VDC, 1.2 m/3.9 ft.
- T198125; Battery charger, incl. power supply with multi plugs (Exx, Kxx)
- T198310ACC; Li-Ion Battery pack 3.6 V 16 Wh
- T127724ACC; Neck strap
- T127722ACC; Retractable lanyard
- T198416ACC; Lanyard strap
- T198457ACC; Tripod Adapter, Kxx
- T198441ACC; Transport case Kxx
- T198322ACC; In-truck charger
- T199368ACC; Battery Li-ion 3.6 V, 4.4 Ah, 16 Wh
- T129915ACC; Carabiner strap

FLIR K65

P/N: 72202-0303

Revision

46856

Last modified

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
The FLIR K65 is a robust and reliable infrared camera designed to perform under extremely severe conditions. The FLIR K65 has an intuitive interface with a design that makes it easy to control even with a gloved hand. The crisp and clear image helps you to navigate through smoke and to make quick and accurate decisions.
Benefits:
• Compliance with NFPA 1801-2013. • Robust and reliable: The FLIR K65 is designed to meet tough operating conditions. It can withstand a drop from 2 m (6.5 ft.) onto a concrete floor, is water resistant to IP67, and is fully operational up to 85°C (185°F), and operational up to +150°C (+302°F) for 15 minutes, and +260°C (+500°F) for 5 minutes. • Clear and crisp thermal images: The maintenance-free uncooled microbolometer sensor produces clear and detail-rich images of 320 × 240 pixels which have been further improved with FSX, a digital image-processing enhancement technique. Thermal images are presented on a large, bright 4″ display, helping you to navigate and to make quick and accurate decisions. • Easy-to-use—also in a gloved firefighter's hand: An intuitive and simple user interface allows you to focus on the job. The FLIR K series can be controlled by just three large buttons on top of the unit. Ideal for a gloved firefighter's hand. • Recording.

Imaging and optical data	
IR resolution	320 × 240 pixels
Thermal sensitivity/NETD	< 30 mK @ +30°C (+86°F)
Field of view (FOV)	51° × 38°
Depth of field	0.84 m to infinity (33 in. to infinity)
Focal length	9 mm (0.35 in.)
Spatial resolution (IFOV)	2.8 mrad
F-number	1.25
Image frequency	60 Hz
Focus	Fixed
Zoom	2× digital zoom

Detector data	
Detector type	Focal plane array (FPA), uncooled microbolometer (VOx)
Spectral range	8–14 µm
Pitch	25 µm

FLIR K65

P/N: 72202-0303

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Website

http://www.flir.com

Customer support

http://support.flir.com

Image presentation	
Display	4 in. LCD, 320 × 240 pixels, backlit
Auto range	Yes, selectable on/off using FLIR Tools
Contrast optimization	Digital image enhancement using FSX

Image presentation modes	

Image modes	• IR image
	  • TI Basic NFPA fire-fighting mode
	  • Black-and-white fire-fighting mode
	  • Fire mode
	  • Search-and-rescue mode
	  • Heat detection mode
	• Thumbnail gallery

Measurement	
Object temperature range	• –20°C to +150°C (–4°F to +302°F) • 0°C to +650°C (+32°F to +1202°F)
Accuracy	±4°C (±7.2°F) or ±4% of reading, for ambient temperature 10°C to 35°C (+50°F to 95°F)

Measurement analysis	
Spotmeter	1
Automatic hot detection	Heat detection mode (the hottest 20% of the of scene is colorized)
Isotherm	Yes, according to NFPA

Set-up	
Set-up commands	Local adaptation of units, date and time formats
Languages	English

Storage of images	
Image storage	Standard JPEG
Storage media	Internal flash memory
Image storage capacity	200 files in total **NOTE:** The number of files is co-dependent on the number of saved video clips.
Image storage mode	IR only
File formats	Standard JPEG

Image annotations	
Report generation	Separate software (FLIR Tools)

Video recording in camera	
Non-radiometric IR video recording	MPEG-4 to internal flash memory
Storage capacity	200 files in total, with a maximum duration of 5 minutes each. **NOTE:** The total number of files is co-dependent on the number of saved images.

Video streaming	
Non-radiometric IR video streaming	Uncompressed colorized video using USB

P/N: 72202-0303

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Website

http://www.flir.com

Customer support

http://support.flir.com

USB	
USB	USB Mini-B

Compatibility	
Compatible with FLIR software	FLIR Tools

Data communication interfaces	
Interfaces	• Update from PC devices • Data transfer to and from PC

Power system	
Battery type	Li Ion
Battery voltage	3.6 V
Battery capacity	4.4 Ah, at +20°C to +25°C (+68°F to +77°F)
Battery operating time	Approx. 4 hours at +25°C (+77°F) ambient temperature and typical use **NOTE:** This operating time is independent of camera mode.
Charging system	• Battery is charged inside the camera • 2-bay charger • Optional In-truck charger
Charging time	2 h to 85% capacity, charging status indicated by LEDs
Charging temperature	0°C to +45°C (+32°F to +113°F)
Power management	Automatic shutdown and sleep mode
Start-up time from sleep mode	< 4 s.
Start-up time	< 17 s. (IR image, no GUI)

Environmental data	
Operating temperature range	• –20°C to +85°C (–4°F to +185°F) • +150°C (+302°F): 15 min. • +260°C (+500°F): 5 min.
Storage temperature range	–40°C to +85°C (–40°F to +185°F)
Humidity (operating and storage)	IEC 60068-2-30/24 h 95% relative humidity +25°C to +40°C (+77°F to +104°F) / 2 cycles
Relative humidity	95% relative humidity +25°C to +40°C (+77°F to +104°F) non-condensing
Directives	Certified according to NFPA1801:2013 specification: • Vibration • Impact acceleration resistance • Corrosion • Viewing surface abrasion • Heat resistance • Heat and flame • Product label durability
EMC	• EN 61000-6-2:2005 (Immunity) • EN 61000-6-3: 2011 (Emission) • FCC 47 CFR Part 15 B (Emission)
Magnetic fields	EN 61 000-4-8, Test level 5 for continuous field (severe industrial environment)
Encapsulation	IP 67 (IEC 60529)
Shock	25 g (IEC 60068-2-27)
Vibration	2 g (IEC 60068-2-6)

FLIR K65

P/N: 72202-0303

Revision

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Website

http://www.flir.com

Customer support

http://support.flir.com

Environmental data	
Drop	2 m (6.6 ft.) on concrete floor (IEC 60068-2-31)
Safety (power supply)	CE/EN/UL/CSA/PSE 60950-1

Certifications	
Compliance	NFPA1801:2013 Ex-certified according to ANSI/ISA 12.12.01-2013 and meets Class I Division 2 Gas Groups C and D T4.

Physical data	
Camera weight, incl. battery	1.1 ±0.05 kg (2.4 ±0.1 lb.)
Battery weight	0.152 kg (0.3 lb.)
Camera size (L × W × H)	120 × 125 × 280 mm (4.7 × 4.9 × 11 in.)
Tripod mounting	UNC ¼"-20 (adapter needed)
Material	• PPSU • Silicon rubber • Aluminium, cast • Flame-resistant magnesium alloy

Shipping information	
List of contents	• Infrared camera • Battery (2 ea.) • Battery charger • Hard transport case • Power supply • Printed documentation • Torx screwdriver (T20) • USB cable
Packaging, weight	5.7 kg (12.6 lb.)
Packaging, size	500 × 190 × 370 mm (19.7 × 7.5 × 14.6 in.)
EAN-13	4743254001992
UPC-12	845188010881
Country of origin	Estonia

Supplies & accessories:

- 1910423; USB cable Std A <-> Mini-B
- T198509; Cigarette lighter adapter kit, 12 VDC, 1.2 m/3.9 ft.
- T198125; Battery charger, incl. power supply with multi plugs (Exx, Kxx)
- T198310ACC; Li-Ion Battery pack 3.6 V 16 Wh
- T127724ACC; Neck strap
- T127722ACC; Retractable lanyard
- T198416ACC; Lanyard strap
- T198457ACC; Tripod Adapter, Kxx
- T198441ACC; Transport case Kxx
- T911309ACC; Screwdriver TX20
- T198322ACC; In-truck charger
- T199398; FLIR K65 accessory kit
- T199368ACC; Battery Li-ion 3.6 V, 4.4 Ah, 16 Wh
- T129915ACC; Carabiner strap

Accessories for KFx series

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Power and video cable, 2 m

P/N: T129748ACC

Revision

42932

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
This cable is used to provide power to and composite video signals from FLIR KFx series cameras.

Physical data	
Cable length	2.0 m (6.6 ft.)
Connector	• Camera side: D38999/26FB35SN • Monitor side: 75 Ohm BNC connector, male

Shipping information	
Packaging, type	Cardboard box
List of contents	Cable
Packaging, size	220 × 160 × 75 mm (8.7 × 6.3 × 3.0 in.)
EAN-13	7332558012284
UPC-12	845188013394
Country of origin	Sweden

Compatible with the following products:

- 70901-0101; FLIR KF6, NTSC, Top Mounted, F
- 70901-0201; FLIR KF6, NTSC, Top Mounted, C
- 70901-0301; FLIR KF6, NTSC, Bottom Mounted, F
- 70901-0401; FLIR KF6, NTSC, Bottom Mounted, C
- 70901-0501; FLIR KF6, PAL, Top Mounted, F
- 70901-0601; FLIR KF6, PAL, Top Mounted, C
- 70901-0701; FLIR KF6, PAL, Bottom Mounted, F
- 70901-0801; FLIR KF6, PAL, Bottom Mounted, C

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Accessories for Kx series

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Battery charger, incl. power supply with multi plugs

P/N:T199128

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
Battery charger, incl. power supply with multi plugs for FLIR Kx series.

Physical data	
Weight	0.28 kg (0.62 lb.)
Size (L × W × H)	• Charger with battery: 137.6 × 64.5 × 57.5 mm (5.4 × 2.5 × 2.3 in.) • Charger without battery: 109.3 × 64.2 × 57.5 mm (4.3 × 2.5 × 2.3 in.)

Shipping information	
Packaging, type	Cardboard box
List of contents	• Battery charger, incl. power supply with multi plugs
Packaging, weight	0.39 kg (0.86 lb.)
Packaging, size	170 × 130 × 78 mm (6.7 × 5.1 × 3.1 in.)
EAN-13	7332558010938
UPC-12	845188011758
Country of origin	

Compatible with the following products:

- 73701-0101; FLIR K2

Car charger

P/N: T198532

Revision

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
This cable is used to power the infrared camera from the 12 V socket in a car.

Power system	
Voltage	Input: 12/24 V Output: 5 V

Physical data	
Cable length	1 m (3.3 ft.)
Color	Black

Shipping information	
Packaging, weight	0.175 kg
Packaging, size	170 × 75 × 65 mm
EAN-13	7332558004876 4743254001060 (Estonia plant)
UPC-12	845188004910
Country of origin	Estonia

Compatible with the following products:

- 63901-0101; FLIR E4
- 63906-0604; FLIR E4 (incl. Wi-Fi)
- 63905-0501; FLIR E5
- 63909-0904; FLIR E5 (incl. Wi-Fi)
- 63902-0202; FLIR E6
- 63907-0704; FLIR E6 (incl. Wi-Fi)
- 63903-0303; FLIR E8
- 63908-0805; FLIR E8 (incl. Wi-Fi)
- 73701-0101; FLIR K2
- 72001-0101; FLIR C2
- 72002-0202; FLIR C2 Educational Kit
- 72003-0303; FLIR C3 (incl. Wi-Fi)
- 72003-0404; FLIR C3 (incl. Wi-Fi) Educational Kit

Hard transport case

P/N: T199357

Revision

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
Hard transport case for FLIR Kx series.

Physical data	
Weight	1.5 kg (3.3 lb.)
Size (L × W × H)	375 × 290 × 150 mm (14.7 × 11.4 × 5.9 in.)
Color	Black

Shipping information	
EAN-13	4743254002395
UPC-12	845188012588
Country of origin	Estonia

Compatible with the following products:

- 73701-0101; FLIR K2

In-truck charger

P/N:T199414ACC

Revision

45610

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Website

http://www.flir.com

Customer support

http://support.flir.com

Power system	
Charging time	2 hours from fully depleted battery
Charging temperature	0°C to +45°C (+32°F to +113°F)
External power, connector type	• 2–pole screw terminal (on incoming cable to DC-DC converter) • USB-A (on outgoing cable from DC-DC converter) • USB Micro-B (on in-truck charger)
DC operation	• 8–50 V DC in to DC-DC converrter • 5V DC, 3 A max. from DC-DC converter

Environmental data	
Operating temperature range	–40°C to +85°C (–40°F to +185°F)
Storage temperature range	–40°C to +85°C (–40°F to +185°F)
Relative humidity	Operational for non-condensing humidity between 5% and 95%.
EMC	• EN61000-6-3, Emission • EN61000-6-2, Immunity • FCC47CFR part 15 class B • NFPA requirements • ISO 7637-2 Road vehicles - Electrical disturbances from conduction and coupling Part 2: Electrical transient conduction along supply lines only
Bump	Operational after exposed to: 5 pulses/ in each axis/ direction (30 total) of 30g 11ms half sine profile
Vibration	Operational after exposed to: 4, 3g rms random profile. 8 hours in each axis.

Physical data	
Color	Black

Shipping information	
Packaging, type	Card board box
List of contents	• In-truck charger • Screws and rivets kit • USB cable with removal prevention Velcro strap • Converter, screw terminal to USB • Documentation
EAN-13	4743254002579

In-truck charger

P/N:T199414ACC

Revision

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Website

http://www.flir.com

Customer support

http://support.flir.com

Shipping information	
UPC-12	845188013363
Country of origin	Estonia

Compatible with the following products:

- 73701-0101; FLIR K2

Lanyard strap

P/N:T199130

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
Lanyard strap for FLIR Kx series.

Physical data	
Weight	0.022 kg (0.048 lb.)
Length	• Length incl. strap: 125 mm (4.9 in.) • Length exl. strap: 80 mm (3.1 in.)

Shipping information	
Packaging, type	Cardboard box
List of contents	• Lanyard strap
Packaging, weight	0.084 kg (0.19 lb.)
Packaging, size	70 × 130 × 78 mm (6.7 × 5.1 × 3.1 in.)
EAN-13	7332558010945
UPC-12	845188011765
Country of origin	

Compatible with the following products:

- 73701-0101; FLIR K2

Battery Li-ion 3.6 V, 2.6 Ah, 9.4 Wh

P/N:T199423ACC

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
Battery pack for FLIR Kx series

Physical data	
Weight	0.14 kg (0.30 lb.)
Size (L × W × H)	122.5 × 57.1 × 43.0 mm (4.8 × 2.2 × 1.7 in.)

Shipping information	
Packaging, type	Cardboard box
List of contents	• Battery pack
Packaging, weight	0.28 kg (0.62 lb.)
Packaging, size	170 × 130 × 78 mm (6.7 × 5.1 × 3.1 in.)
EAN-13	4743254002562
UPC-12	845188012939
Country of origin	Estonia

Compatible with the following products:

- 73701-0101; FLIR K2

Retractable lanyard

P/N:T127722ACC

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
Retractable lanyard for FLIR Kxx series

Physical data	
Weight	0.120 kg (0.3 lb.)
Size (L × W × H)	120 × 60 × 40 (4.7 × 2.4 × 1.6 in.)
Color	Black

Shipping information	
List of contents	• Retractable lanyard • Cardboard box
Packaging, weight	0.17 kg (0.37 lb.)
Packaging, size	170 × 65 × 75 mm (6.7 × 2.6 × 3.0 in.)
EAN-13	7332558009727 4743254001466 (Estonia plant)
UPC-12	845188006518
Country of origin	Estonia

Compatible with the following products:

- 72203-0411; FLIR K33
- 72203-0511; FLIR K53
- 72201-0106; FLIR K45
- 72201-0206; FLIR K55
- 72202-0303; FLIR K65
- 73701-0101; FLIR K2

USB cable

P/N:T198533

Revision

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
This cable is used to connect the infrared camera with a computer, using the USB protocol.

Physical data	
Weight	60 g (2.1 oz.)
Cable length	1.8 m (5.9 ft.)
Connector	Standard USB-A to USB Micro-B

Shipping information	
Packaging, weight	0.100 kg
Packaging, size	170 × 75 × 65 mm
EAN-13	7332558004869 4743254001077 (Estonia plant)
UPC-12	845188004927
Country of origin	Estonia

Compatible with the following products:

- 72502-0501; FLIR T1010 12°
- 72502-0502; FLIR T1010 28°
- 72502-0503; FLIR T1010 45°
- 72501-0101; FLIR T1020 12°
- 72501-0102; FLIR T1020 28°
- 72501-0104; FLIR T1020 28° and 12°
- 72501-0105; FLIR T1020 28° and 45°
- 72501-0106; FLIR T1020 28°, 12°, and 45°
- 72501-0103; FLIR T1020 45°
- 72501-0201; FLIR T1030sc 12°
- 72501-0202; FLIR T1030sc 28°
- 72501-0203; FLIR T1030sc 45°
- 72501-0301; FLIR T1040 12°
- 72501-0302; FLIR T1040 28°
- 72501-0303; FLIR T1040 45°
- 72501-0401; FLIR T1050sc 12°
- 72501-0402; FLIR T1050sc 28°
- 72501-0403; FLIR T1050sc 45°
- 63901-0101; FLIR E4
- 63906-0604; FLIR E4 (incl. Wi-Fi)
- 63905-0501; FLIR E5
- 63909-0904; FLIR E5 (incl. Wi-Fi)
- 63902-0202; FLIR E6
- 63907-0704; FLIR E6 (incl. Wi-Fi)
- 63903-0303; FLIR E8
- 63908-0805; FLIR E8 (incl. Wi-Fi)
- 73701-0101; FLIR K2
- 72001-0101; FLIR C2
- 72002-0202; FLIR C2 Educational Kit
- 72003-0303; FLIR C3 (incl. Wi-Fi)
- 72003-0404; FLIR C3 (incl. Wi-Fi) Educational Kit

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Accessories for Kx3 series

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Battery charger, incl. power supply with multi plugs (Exx, Kxx)

P/N:T198125

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
Stand-alone 2-bay battery charger, including power supply with multi plugs.

Power system	
AC operation	100–240 VAC, 50/60 Hz, 12 VDC out
Power	3000 mA at 12 VDC

Physical data	
Size (L × W × H)	133 × 86 × 51 mm (5.3 × 3.4 × 2.0 in.)
Cable length	1.98 m (6.5 ft.)

Shipping information	
List of contents	• Stand-alone 2-bay battery charger • Power supply including cable • EU plug • UK plug • US plug • AU plug
Packaging, weight	0.65 kg
Packaging, size	245 × 165 × 80 mm
EAN-13	7332558003497 4743254000513 (Estonia plant)
UPC-12	845188003487
Country of origin	Estonia

Compatible with the following products:

- 64502-0801; FLIR E33
- 64502-1001; FLIR E40
- 64501-0101; FLIR E40 (incl. Wi-Fi)
- 64501-0103; FLIR E40 with SC kit (incl. Wi-Fi and 45° lens)
- 64501-0114; FLIR E40 with SC kit (incl. Wi-Fi)
- 64501-0501; FLIR E40bx (incl. Wi-Fi)
- 64502-1101; FLIR E50
- 64501-0201; FLIR E50 (incl. Wi-Fi)
- 64501-0601; FLIR E50bx (incl. Wi-Fi)
- 64502-1202; FLIR E60
- 64501-0302; FLIR E60 (incl. Wi-Fi)
- 64501-0702; FLIR E60bx (incl. Wi-Fi)
- 64501-0402; FLIR E63 (incl. Wi-Fi)
- 72203-0411; FLIR K33
- 72203-0511; FLIR K53
- 72201-0106; FLIR K45
- 72201-0206; FLIR K55
- 72202-0303; FLIR K65

Battery Li-ion 3.6 V, 4.4 Ah, 16 Wh

P/N:T199368ACC

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
High capacity battery for the IR camera.

Power system	
Battery type	Rechargeable Li ion battery
Battery voltage	3.6 V
Battery capacity	4.4 Ah, at +20°C (+68°F)
Battery note	Approximate lithium content: 1.32 g
Charging temperature	0°C to +45°C (+32°F to +113°F)

Environmental data	
Operating temperature range	–20°C to +85°C (-4°F to +185°F)

Physical data	
Weight	0.15 kg (0.3 lb.)
Size (L × W × H)	110 × 60× 45 mm (4.3 × 2.4 × 1.8 in.)

Shipping information	
List of contents	• Battery • Cardboard box
Packaging, weight	0.25 kg (0.55 lb.)
Packaging, size	185 × 140 × 65 mm (7.3 × 5.5 × 2.6 in.)
EAN-13	4743254002555
UPC-12	845188012861
Country of origin	Estonia

Compatible with the following products:

- 72203-0411; FLIR K33
- 72203-0511; FLIR K53
- 72201-0106; FLIR K45
- 72201-0206; FLIR K55
- 72202-0303; FLIR K65

Carabiner strap

P/N:T129915ACC

Revision

46559

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
Carabiner strap for FLIR Kxx series. Intended to be used between the camera and the retractable lanyard.

Physical data	
Weight	0.001 kg (0.002 lb.)
Size (L × W × H)	40 × 10 × 3 mm (1.6 × 0.4 × 0.1 in.)
Material	Textile
Color	Black

Shipping information	
Packaging, type	Cardboard box
List of contents	Carabiner strap
Packaging, weight	0.055 kg (0.12 lb.)
Packaging, size	155 × 59 × 69 mm (6.1 × 2.3 × 2.7 in.)
EAN-13	4743254002647
UPC-12	845188013790
Country of origin	Estonia

Compatible with the following products:

- 72203-0411; FLIR K33
- 72203-0511; FLIR K53
- 72203-0414; FLIR K33 (camera only)
- 72203-0514; FLIR K53 (camera only)
- 72201-0106; FLIR K45
- 72201-0206; FLIR K55
- 72202-0303; FLIR K65
- 72201-0112; FLIR K45 (camera only)
- 72201-0212; FLIR K55 (camera only)
- 72202-0313; FLIR K65 (camera only)

Cigarette lighter adapter kit, 12 VDC, 1.2 m/3.9 ft.

P/N:T198509

Revision

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
This cable is used to power the infrared camera from the cigarette lighter socket in a car.
Note: This is the same product as p/n 1196497.

Physical data	
Cable length	1.2 m (3.9 ft).

Shipping information	
Packaging, type	Cardboard box
Packaging, weight	0.125 kg (0.28 lb.)
Packaging, size	202 × 146 × 25 mm (8.0 × 5.7 × 1.0 in.)
EAN-13	7332558004340 4743254001435 (Estonia plant)
UPC-12	845188004361
Country of origin	Sweden

Compatible with the following products:

- 72502-0501; FLIR T1010 12°
- 72502-0502; FLIR T1010 28°
- 72502-0503; FLIR T1010 45°
- 72501-0101; FLIR T1020 12°
- 72501-0102; FLIR T1020 28°
- 72501-0104; FLIR T1020 28° and 12°
- 72501-0105; FLIR T1020 28° and 45°
- 72501-0106; FLIR T1020 28°, 12°, and 45°
- 72501-0103; FLIR T1020 45°
- 72501-0201; FLIR T1030sc 12°
- 72501-0202; FLIR T1030sc 28°
- 72501-0203; FLIR T1030sc 45°
- 72501-0301; FLIR T1040 12°
- 72501-0302; FLIR T1040 28°
- 72501-0303; FLIR T1040 45°
- 72501-0401; FLIR T1050sc 12°
- 72501-0402; FLIR T1050sc 28°
- 72501-0403; FLIR T1050sc 45°
- 55903-1015; FLIR T600 15° (incl. Wi-Fi and Ext. cal.)
- 55903-0922; FLIR T600 15° (incl. Wi-Fi)
- 55903-1016; FLIR T600 25° (incl. Wi-Fi and Ext. cal.)
- 55903-1022; FLIR T600 25° (incl. Wi-Fi)
- 55903-1007; FLIR T600 25° and 15° w/case
- 55903-1008; FLIR T600 25° and 45° w/case
- 55903-1017; FLIR T600 45° (incl. Wi-Fi and Ext. cal.)
- 55903-1522; FLIR T600 45° (incl. Wi-Fi)
- 55903-2823; FLIR T600bx 25° (incl. Wi-Fi and Ext. cal.)
- 55903-2822; FLIR T600bx 25° (incl. Wi-Fi)
- 55903-2923; FLIR T600bx 45° (incl. Wi-Fi and Ext. cal.)
- 55903-2922; FLIR T600bx 45° (incl. Wi-Fi)
- 55903-8022; FLIR T610 15° (incl. Wi-Fi)
- 55903-3922; FLIR T610 25° (incl. Wi-Fi)
- 55903-4022; FLIR T610 45° (incl. Wi-Fi)
- 55903-5023; FLIR T620 15° (incl. Wi-Fi and Ext. cal.)
- 55903-5022; FLIR T620 15° (incl. Wi-Fi)
- 55903-5125; FLIR T620 25° (incl. Wi-Fi and Ext. cal.)
- 55903-5122; FLIR T620 25° (incl. Wi-Fi)
- 55903-5123; FLIR T620 25° and 15° (incl. Wi-Fi)
- 55903-5124; FLIR T620 25° and 45° (incl. Wi-Fi)

Cigarette lighter adapter kit, 12 VDC, 1.2 m/3.9 ft.

P/N:T198509

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Website

http://www.flir.com

Customer support

http://support.flir.com

- 55903-5223; FLIR T620 45° (incl. Wi-Fi and Ext. cal.)
- 55903-5222; FLIR T620 45° (incl. Wi-Fi)
- 55903-5623; FLIR T620bx 15° (incl. Wi-Fi and Ext. cal.)
- 55903-5622; FLIR T620bx 15° (incl. Wi-Fi)
- 55903-5723; FLIR T620bx 25° (incl. Wi-Fi and Ext. cal.)
- 55903-5722; FLIR T620bx 25° (incl. Wi-Fi)
- 55903-5823; FLIR T620bx 45° (incl. Wi-Fi and Ext. cal.)
- 55903-5822; FLIR T620bx 45° (incl. Wi-Fi)
- 55904-6222; FLIR T630 15° (incl. Wi-Fi)
- 55904-6322; FLIR T630 25° (incl. Wi-Fi)
- 55904-6422; FLIR T630 45° (incl. Wi-Fi)
- 55904-8023; FLIR T630sc 15° (incl. Wi-Fi)
- 55904-8123; FLIR T630sc 25° (incl. Wi-Fi)
- 55904-8124; FLIR T630sc 25° and 45° w/case
- 55904-8223; FLIR T630sc 45° (incl. Wi-Fi)
- 55904-6823; FLIR T640 15° (incl. Wi-Fi and Ext. cal.)
- 55904-6822; FLIR T640 15° (incl. Wi-Fi)
- 55904-6925; FLIR T640 25° (incl. Wi-Fi and Ext. cal.)
- 55904-6922; FLIR T640 25° (incl. Wi-Fi)
- 55904-6923; FLIR T640 25° and 15° (incl. Wi-Fi)
- 55904-6924; FLIR T640 25° and 45° (incl. Wi-Fi)
- 55904-7023; FLIR T640 45° (incl. Wi-Fi and Ext. cal.)
- 55904-7022; FLIR T640 45° (incl. Wi-Fi)
- 55904-7423; FLIR T640bx 15° (incl. Wi-Fi and Ext. cal.)
- 55904-7422; FLIR T640bx 15° (incl. Wi-Fi)
- 55904-7523; FLIR T640bx 25° (incl. Wi-Fi and Ext. cal.)
- 55904-7522; FLIR T640bx 25° (incl. Wi-Fi)
- 55904-7623; FLIR T640bx 45° (incl. Wi-Fi and Ext. cal.)
- 55904-7622; FLIR T640bx 45° (incl. Wi-Fi)
- 55904-7723; FLIR T650sc 15° (incl. Wi-Fi)
- 55904-8704; FLIR T650sc 25°
- 55904-7823; FLIR T650sc 25° (incl. Wi-Fi)
- 55904-7824; FLIR T650sc 25° and 15° w/case
- 55904-7825; FLIR T650sc 25° and 45° w/case
- 55904-7923; FLIR T650sc 45° (incl. Wi-Fi)
- 55904-8423; FLIR T660 15° (incl. Wi-Fi and Ext. cal.)
- 55904-8422; FLIR T660 15° (incl. Wi-Fi)
- 55904-8523; FLIR T660 25° (incl. Wi-Fi and Ext. cal.)
- 55904-8522; FLIR T660 25° (incl. Wi-Fi)
- 55904-8524; FLIR T660 25° and 15° w/case
- 55904-8525; FLIR T660 25° and 45° w/case
- 55904-8623; FLIR T660 45° (incl. Wi-Fi and Ext. cal.)
- 55904-8622; FLIR T660 45° (incl. Wi-Fi)
- 44401-0201; FLIR GF300 14.5°
- 44402-0201; FLIR GF300 14.5° Fixed lens
- 44401-0202; FLIR GF300 24°
- 44402-0202; FLIR GF300 24° Fixed lens
- 59601-0101; FLIR GF304 14.5°
- 59602-0101; FLIR GF304 14.5° Fixed lens
- 59601-0102; FLIR GF304 24°
- 59602-0102; FLIR GF304 24° Fixed lens
- 44201-0101; FLIR GF306 14.5°
- 44202-0101; FLIR GF306 14.5° Fixed lens
- 44201-0102; FLIR GF306 24°
- 44202-0102; FLIR GF306 24° Fixed lens
- 44601-0101; FLIR GF309 14.5°
- 44602-0101; FLIR GF309 14.5° Fixed lens
- 44601-0102; FLIR GF309 24°
- 44602-0102; FLIR GF309 24° Fixed lens
- 44401-0101; FLIR GF320 14.5°
- 44402-0101; FLIR GF320 14.5° Fixed lens
- 44401-0102; FLIR GF320 24°
- 44402-0102; FLIR GF320 24° Fixed lens
- 57501-0102; FLIR GF335 24°
- 59801-0101; FLIR GF346 14.5°
- 59802-0101; FLIR GF346 14.5° Fixed lens
- 59801-0102; FLIR GF346 24°
- 59802-0102; FLIR GF346 24° Fixed lens
- 74902-0101; FLIR GFx320 14.5° fixed lens
- 74902-0102; FLIR GFx320 24° fixed lens
- 64502-0801; FLIR E33
- 64502-1001; FLIR E40
- 64501-0101; FLIR E40 (incl. Wi-Fi)
- 64501-0103; FLIR E40 with SC kit (incl. Wi-Fi and 45° lens)
- 64501-0114; FLIR E40 with SC kit (incl. Wi-Fi)
- 64501-0501; FLIR E40bx (incl. Wi-Fi)
- 64502-1101; FLIR E50
- 64501-0201; FLIR E50 (incl. Wi-Fi)
- 64501-0601; FLIR E50bx (incl. Wi-Fi)
- 64502-1202; FLIR E60
- 64501-0302; FLIR E60 (incl. Wi-Fi)
- 64501-0702; FLIR E60bx (incl. Wi-Fi)
- 64501-0402; FLIR E63 (incl. Wi-Fi)
- 72203-0411; FLIR K33

Cigarette lighter adapter kit, 12 VDC, 1.2 m/3.9 ft.

P/N:T198509

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Website

http://www.flir.com

Customer support

http://support.flir.com

- 72203-0511; FLIR K53
- 72201-0106; FLIR K45
- 72201-0206; FLIR K55
- 72202-0303; FLIR K65

In-truck charger

P/N: T198322ACC

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Website

http://www.flir.com

Customer support

http://support.flir.com

Power system	
Charging time	< 4 hours
Charging temperature	0°C to +45°C (+32°F to +113°F)
External power, connector type	Screw terminal or HRS_UK60-3PT
DC operation	12/ 24 V DCnominal (11.1 - 28.0 V DC)
Power	Max 36 Watts or 3000 mA at 12 VDC (5 amps fuse)

Environmental data	
Operating temperature range	–40°C to +85°C (–40°F to +185°F)
Storage temperature range	–40°C to +85°C (–40°F to +185°F)
Relative humidity	Operational for non-condensing humidity between 5% and 95%.
EMC	• EN61000-6-3 Emission • EN61000-6-2 Immunity • FCC47CFR part 15 class B • NFPA requirements • ISO 7637-2 Road vehicles - Electrical disturbances from conduction and coupling Part 2: Electrical transient conduction along supply lines only
Encapsulation	IP 20
Bump	Operational after exposed to: 5 pulses/ in each axis/ direction (30 total) of 30g 11ms half sine profile
Vibration	Operational after exposed to: 4, 3g rms random profile. 8 hours in each axis.

Physical data	
Weight	1.050 kg
Size (L × W × H)	380 mm × 180 mm × 153 mm (15 in. × 7.1 in. × 6 in.)
Material	PC / ABS
Color	Grey / black

Shipping information	
List of contents	• Charger • Documentation • Card board box
Packaging, weight	3.2 kg (7.0 lb.)
Packaging, size	435 × 245 × 167 mm (17.1 × 9.6 × 6.6 in.)
EAN-13	4743254002159

In-truck charger

P/N:T198322ACC

Revision

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Website

http://www.flir.com

Customer support

http://support.flir.com

Shipping information	
UPC-12	845188011673
Country of origin	Estonia

Compatible with the following products:

- 72203-0411; FLIR K33
- 72203-0511; FLIR K53
- 72201-0106; FLIR K45
- 72201-0206; FLIR K55
- 72202-0303; FLIR K65

Lanyard strap

P/N:T198416ACC

Revision

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
Lanyard strap for FLIR Kxx series.

Physical data	
Weight	0.01 kg (0.22 lb.)
Size (L × W × H)	400 × 20 × 5 mm (15.7 × 0.8 × 0.2)
Material	Zink
Color	Black

Shipping information	
Packaging, type	Cardboard box
List of contents	• Lanyard strap
Packaging, weight	0.063 kg (0.14 lb.)
Packaging, size	170 × 65 × 75 mm (6.7 × 2.6 × 3.0 in.)
EAN-13	7332558009734 4743254001480 (Estonia plant)
UPC-12	845188006549
Country of origin	Estonia

Compatible with the following products:

- 72203-0411; FLIR K33
- 72203-0511; FLIR K53
- 72201-0106; FLIR K45
- 72201-0206; FLIR K55
- 72202-0303; FLIR K65

Battery

P/N:T198310ACC

Revision

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
High capacity battery for the IR camera.

Power system	
Battery type	Rechargeable Li ion battery
Battery voltage	3.6 V
Battery capacity	4.4 Ah, at +20°C (+68°F)
Battery note	Approximate lithium content: 1.32 g
Charging temperature	0°C to +45°C (+32°F to +113°F)

Environmental data	
Operating temperature range	–20°C to +85°C (-4°F to +185°F)

Physical data	
Weight	0.15 kg (0.3 lb.)
Size (L × W × H)	110 × 60× 45 mm (4.3 × 2.4 × 1.8 in.)

Shipping information	
List of contents	• Battery • Cardboard box
Packaging, weight	0.25 kg (0.55 lb.)
Packaging, size	185 × 140 × 65 mm (7.3 × 5.5 × 2.6 in.)
EAN-13	7332558009246 4743254001473 (Estonia plant)
UPC-12	845188006532
Country of origin	Estonia

Compatible with the following products:

- 72203-0411; FLIR K33
- 72203-0511; FLIR K53
- 72201-0106; FLIR K45
- 72201-0206; FLIR K55
- 72202-0303; FLIR K65

Neck strap

P/N:T127724ACC

Revision

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
Neck strap for the Kxx-series.

Physical data	
Weight	0.075 kg (0.2 lb.)
Size (L × W × H)	Adjustable 1200 to 2000 × 30 × 12 mm (47.2 to 78.7 × 1.2 × 0.5 in.)
Material	Kevlar
Color	Black

Shipping information	
List of contents	• Neck strap • Cardboard box
Packaging, weight	0.12 kg (0.27 lb.)
Packaging, size	170 × 65 × 75 mm (6.7 × 2.6 × 3.0 in.)
EAN-13	7332558009710 4743254001299 (Estonia plant)
UPC-12	845188005733
Country of origin	Estonia

Compatible with the following products:

- 72203-0411; FLIR K33
- 72203-0511; FLIR K53
- 72201-0106; FLIR K45
- 72201-0206; FLIR K55
- 72202-0303; FLIR K65

Retractable lanyard

P/N:T127722ACC

Revision

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
Retractable lanyard for FLIR Kxx series

Physical data	
Weight	0.120 kg (0.3 lb.)
Size (L × W × H)	120 × 60 × 40 (4.7 × 2.4 × 1.6 in.)
Color	Black

Shipping information	
List of contents	• Retractable lanyard • Cardboard box
Packaging, weight	0.17 kg (0.37 lb.)
Packaging, size	170 × 65 × 75 mm (6.7 × 2.6 × 3.0 in.)
EAN-13	7332558009727 4743254001466 (Estonia plant)
UPC-12	845188006518
Country of origin	Estonia

Compatible with the following products:

- 72203-0411; FLIR K33
- 72203-0511; FLIR K53
- 72201-0106; FLIR K45
- 72201-0206; FLIR K55
- 72202-0303; FLIR K65
- 73701-0101; FLIR K2

Transport case Kxx

P/N:T198441ACC

Revision

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
Rugged, watertight plastic transport case for FLIR Kxx series. Holds all items neatly and securely. The case can be locked with padlocks and features a membrane to prevent pressure build-up in airplane cargo holds.

Physical data	
Weight	2.65 kg (5.84 lb.)
Size (L × W × H)	484 × 345 × 178 mm (19.1 × 13.6 × 7.0 in.)
Material	PP with Rubber Blend (Polypropylene)
Color	Black

Shipping information	
Packaging, type	
Packaging, weight	
Packaging, size	
EAN-13	4743254001855
UPC-12	845188010164
Country of origin	Estonia

Compatible with the following products:

- 72203-0411; FLIR K33
- 72203-0511; FLIR K53
- 72201-0106; FLIR K45
- 72201-0206; FLIR K55
- 72202-0303; FLIR K65

Tripod Adapter, Kxx

P/N: T198457ACC

Revision

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
Tripod adapter for FLIR Kxx series. Necessary accessory to be able to mount the camera on a tripod.

Physical data	
Weight	0.13 kg (0.3 lb.)
Size (L × W × H)	66 × 59 × 23 mm (2.6 × 2.3 × 0.9 in.)
Material	Zink
Color	Black

Shipping information	
List of contents	• Tripod Adapter • Cardboard box
Packaging, weight	0.18 kg (0.4 lb.)
Packaging, size	170 × 65 × 75 mm (6.7 × 2.6 × 3.0 in.)
EAN-13	7332558009741 4743254001497 (Estonia plant)
UPC-12	845188006556
Country of origin	Estonia

Compatible with the following products:

- 72203-0411; FLIR K33
- 72203-0511; FLIR K53
- 72201-0106; FLIR K45
- 72201-0206; FLIR K55
- 72202-0303; FLIR K65

USB cable Std A <-> Mini-B

P/N:1910423

Revision

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
This cable is used to connect the infrared camera with a computer, using the USB protocol.

Physical data	
Weight	60 g (2.1 oz.)
Cable length	1.8 m (5.9 ft.)
Connector	Standard USB-A to USB Mini-B

Shipping information	
Packaging, type	
Packaging, weight	
Packaging, size	
EAN-13	7332558003428
UPC-12	845188002176
Country of origin	Sweden

Compatible with the following products:

- 55903-1015; FLIR T600 15° (incl. Wi-Fi and Ext. cal.)
- 55903-0922; FLIR T600 15° (incl. Wi-Fi)
- 55903-1016; FLIR T600 25° (incl. Wi-Fi and Ext. cal.)
- 55903-1022; FLIR T600 25° (incl. Wi-Fi)
- 55903-1007; FLIR T600 25° and 15° w/case
- 55903-1008; FLIR T600 25° and 45° w/case
- 55903-1017; FLIR T600 45° (incl. Wi-Fi and Ext. cal.)
- 55903-1522; FLIR T600 45° (incl. Wi-Fi)
- 55903-2823; FLIR T600bx 25° (incl. Wi-Fi and Ext. cal.)
- 55903-2822; FLIR T600bx 25° (incl. Wi-Fi)
- 55903-2923; FLIR T600bx 45° (incl. Wi-Fi and Ext. cal.)
- 55903-2922; FLIR T600bx 45° (incl. Wi-Fi)
- 55903-8022; FLIR T610 15° (incl. Wi-Fi)
- 55903-3922; FLIR T610 25° (incl. Wi-Fi)
- 55903-4022; FLIR T610 45° (incl. Wi-Fi)
- 55903-5023; FLIR T620 15° (incl. Wi-Fi and Ext. cal.)
- 55903-5022; FLIR T620 15° (incl. Wi-Fi)
- 55903-5125; FLIR T620 25° (incl. Wi-Fi and Ext. cal.)
- 55903-5122; FLIR T620 25° (incl. Wi-Fi)
- 55903-5123; FLIR T620 25° and 15° (incl. Wi-Fi)
- 55903-5124; FLIR T620 25° and 45° (incl. Wi-Fi)
- 55903-5223; FLIR T620 45° (incl. Wi-Fi and Ext. cal.)
- 55903-5222; FLIR T620 45° (incl. Wi-Fi)
- 55903-5623; FLIR T620bx 15° (incl. Wi-Fi and Ext. cal.)
- 55903-5622; FLIR T620bx 15° (incl. Wi-Fi)
- 55903-5723; FLIR T620bx 25° (incl. Wi-Fi and Ext. cal.)
- 55903-5722; FLIR T620bx 25° (incl. Wi-Fi)
- 55903-5823; FLIR T620bx 45° (incl. Wi-Fi and Ext. cal.)
- 55903-5822; FLIR T620bx 45° (incl. Wi-Fi)
- 55904-6222; FLIR T630 15° (incl. Wi-Fi)
- 55904-6322; FLIR T630 25° (incl. Wi-Fi)
- 55904-6422; FLIR T630 45° (incl. Wi-Fi)
- 55904-8023; FLIR T630sc 15° (incl. Wi-Fi)
- 55904-8123; FLIR T630sc 25° (incl. Wi-Fi)
- 55904-8124; FLIR T630sc 25° and 45° w/case

USB cable Std A <-> Mini-B

P/N:1910423

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Website

http://www.flir.com

Customer support

http://support.flir.com

- 55904-8223; FLIR T630sc 45° (incl. Wi-Fi)
- 55904-6823; FLIR T640 15° (incl. Wi-Fi and Ext. cal.)
- 55904-6822; FLIR T640 15° (incl. Wi-Fi)
- 55904-6925; FLIR T640 25° (incl. Wi-Fi and Ext. cal.)
- 55904-6922; FLIR T640 25° (incl. Wi-Fi)
- 55904-6923; FLIR T640 25° and 15° (incl. Wi-Fi)
- 55904-6924; FLIR T640 25° and 45° (incl. Wi-Fi)
- 55904-7023; FLIR T640 45° (incl. Wi-Fi and Ext. cal.)
- 55904-7022; FLIR T640 45° (incl. Wi-Fi)
- 55904-7423; FLIR T640bx 15° (incl. Wi-Fi and Ext. cal.)
- 55904-7422; FLIR T640bx 15° (incl. Wi-Fi)
- 55904-7523; FLIR T640bx 25° (incl. Wi-Fi and Ext. cal.)
- 55904-7522; FLIR T640bx 25° (incl. Wi-Fi)
- 55904-7623; FLIR T640bx 45° (incl. Wi-Fi and Ext. cal.)
- 55904-7622; FLIR T640bx 45° (incl. Wi-Fi)
- 55904-7723; FLIR T650sc 15° (incl. Wi-Fi)
- 55904-8704; FLIR T650sc 25°
- 55904-7823; FLIR T650sc 25° (incl. Wi-Fi)
- 55904-7824; FLIR T650sc 25° and 15° w/case
- 55904-7825; FLIR T650sc 25° and 45° w/case
- 55904-7923; FLIR T650sc 45° (incl. Wi-Fi)
- 55904-8423; FLIR T660 15° (incl. Wi-Fi and Ext. cal.)
- 55904-8422; FLIR T660 15° (incl. Wi-Fi)
- 55904-8523; FLIR T660 25° (incl. Wi-Fi and Ext. cal.)
- 55904-8522; FLIR T660 25° (incl. Wi-Fi)
- 55904-8524; FLIR T660 25° and 15° w/case
- 55904-8525; FLIR T660 25° and 45° w/case
- 55904-8623; FLIR T660 45° (incl. Wi-Fi and Ext. cal.)
- 55904-8622; FLIR T660 45° (incl. Wi-Fi)
- 55001-0101; FLIR A615 15°
- 55001-0102; FLIR A615 25°
- 55001-0103; FLIR A615 45°
- 55001-0104; FLIR A615 7°
- 55001-0105; FLIR A615 80°
- 55001-0301; FLIR A655sc 15°
- 55001-0302; FLIR A655sc 25°
- 55001-0303; FLIR A655sc 45°
- 55001-0304; FLIR A655sc 7°
- 55001-0305; FLIR A655sc 80°
- 44401-0201; FLIR GF300 14.5°
- 44402-0201; FLIR GF300 14.5° Fixed lens
- 44401-0202; FLIR GF300 24°
- 44402-0202; FLIR GF300 24° Fixed lens
- 59601-0101; FLIR GF304 14.5°
- 59602-0101; FLIR GF304 14.5° Fixed lens
- 59601-0102; FLIR GF304 24°
- 59602-0102; FLIR GF304 24° Fixed lens
- 44201-0101; FLIR GF306 14.5°
- 44202-0101; FLIR GF306 14.5° Fixed lens
- 44201-0102; FLIR GF306 24°
- 44202-0102; FLIR GF306 24° Fixed lens
- 44601-0101; FLIR GF309 14.5°
- 44602-0101; FLIR GF309 14.5° Fixed lens
- 44601-0102; FLIR GF309 24°
- 44602-0102; FLIR GF309 24° Fixed lens
- 44401-0101; FLIR GF320 14.5°
- 44402-0101; FLIR GF320 14.5° Fixed lens
- 44401-0102; FLIR GF320 24°
- 44402-0102; FLIR GF320 24° Fixed lens
- 57501-0102; FLIR GF335 24°
- 59801-0101; FLIR GF346 14.5°
- 59802-0101; FLIR GF346 14.5° Fixed lens
- 59801-0102; FLIR GF346 24°
- 59802-0102; FLIR GF346 24° Fixed lens
- 74902-0101; FLIR GFx320 14.5° fixed lens
- 74902-0102; FLIR GFx320 24° fixed lens
- 64502-0801; FLIR E33
- 64502-1001; FLIR E40
- 64501-0101; FLIR E40 (incl. Wi-Fi)
- 64501-0103; FLIR E40 with SC kit (incl. Wi-Fi and 45° lens)
- 64501-0114; FLIR E40 with SC kit (incl. Wi-Fi)
- 64501-0501; FLIR E40bx (incl. Wi-Fi)
- 64502-1101; FLIR E50
- 64501-0201; FLIR E50 (incl. Wi-Fi)
- 64501-0601; FLIR E50bx (incl. Wi-Fi)
- 64502-1202; FLIR E60
- 64501-0302; FLIR E60 (incl. Wi-Fi)
- 64501-0702; FLIR E60bx (incl. Wi-Fi)
- 64501-0402; FLIR E63 (incl. Wi-Fi)
- 72203-0411; FLIR K33
- 72203-0511; FLIR K53
- 72201-0106; FLIR K45
- 72201-0206; FLIR K55
- 72202-0303; FLIR K65

Accessories for Kx5 series

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Battery charger, incl. power supply with multi plugs (Exx, Kxx)

P/N:T198125

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
Stand-alone 2-bay battery charger, including power supply with multi plugs.

Power system	
AC operation	100–240 VAC, 50/60 Hz, 12 VDC out
Power	3000 mA at 12 VDC

Physical data	
Size (L × W × H)	133 × 86 × 51 mm (5.3 × 3.4 × 2.0 in.)
Cable length	1.98 m (6.5 ft.)

Shipping information	
List of contents	• Stand-alone 2-bay battery charger • Power supply including cable • EU plug • UK plug • US plug • AU plug
Packaging, weight	0.65 kg
Packaging, size	245 × 165 × 80 mm
EAN-13	7332558003497 4743254000513 (Estonia plant)
UPC-12	845188003487
Country of origin	Estonia

Compatible with the following products:

- 64502-0801; FLIR E33
- 64502-1001; FLIR E40
- 64501-0101; FLIR E40 (incl. Wi-Fi)
- 64501-0103; FLIR E40 with SC kit (incl. Wi-Fi and 45° lens)
- 64501-0114; FLIR E40 with SC kit (incl. Wi-Fi)
- 64501-0501; FLIR E40bx (incl. Wi-Fi)
- 64502-1101; FLIR E50
- 64501-0201; FLIR E50 (incl. Wi-Fi)
- 64501-0601; FLIR E50bx (incl. Wi-Fi)
- 64502-1202; FLIR E60
- 64501-0302; FLIR E60 (incl. Wi-Fi)
- 64501-0702; FLIR E60bx (incl. Wi-Fi)
- 64501-0402; FLIR E63 (incl. Wi-Fi)
- 72203-0411; FLIR K33
- 72203-0511; FLIR K53
- 72201-0106; FLIR K45
- 72201-0206; FLIR K55
- 72202-0303; FLIR K65

Battery Li-ion 3.6 V, 4.4 Ah, 16 Wh

P/N:T199368ACC

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
High capacity battery for the IR camera.

Power system	
Battery type	Rechargeable Li ion battery
Battery voltage	3.6 V
Battery capacity	4.4 Ah, at +20°C (+68°F)
Battery note	Approximate lithium content: 1.32 g
Charging temperature	0°C to +45°C (+32°F to +113°F)

Environmental data	
Operating temperature range	–20°C to +85°C (-4°F to +185°F)

Physical data	
Weight	0.15 kg (0.3 lb.)
Size (L × W × H)	110 × 60× 45 mm (4.3 × 2.4 × 1.8 in.)

Shipping information	
List of contents	• Battery • Cardboard box
Packaging, weight	0.25 kg (0.55 lb.)
Packaging, size	185 × 140 × 65 mm (7.3 × 5.5 × 2.6 in.)
EAN-13	4743254002555
UPC-12	845188012861
Country of origin	Estonia

Compatible with the following products:

- 72203-0411; FLIR K33
- 72203-0511; FLIR K53
- 72201-0106; FLIR K45
- 72201-0206; FLIR K55
- 72202-0303; FLIR K65

Carabiner strap

P/N:T129915ACC

Revision

46559

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
Carabiner strap for FLIR Kxx series. Intended to be used between the camera and the retractable lanyard.

Physical data	
Weight	0.001 kg (0.002 lb.)
Size (L × W × H)	40 × 10 × 3 mm (1.6 × 0.4 × 0.1 in.)
Material	Textile
Color	Black

Shipping information	
Packaging, type	Cardboard box
List of contents	Carabiner strap
Packaging, weight	0.055 kg (0.12 lb.)
Packaging, size	155 × 59 × 69 mm (6.1 × 2.3 × 2.7 in.)
EAN-13	4743254002647
UPC-12	845188013790
Country of origin	Estonia

Compatible with the following products:

- 72203-0411; FLIR K33
- 72203-0511; FLIR K53
- 72203-0414; FLIR K33 (camera only)
- 72203-0514; FLIR K53 (camera only)
- 72201-0106; FLIR K45
- 72201-0206; FLIR K55
- 72202-0303; FLIR K65
- 72201-0112; FLIR K45 (camera only)
- 72201-0212; FLIR K55 (camera only)
- 72202-0313; FLIR K65 (camera only)

Cigarette lighter adapter kit, 12 VDC, 1.2 m/3.9 ft.

P/N:T198509

Revision

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
This cable is used to power the infrared camera from the cigarette lighter socket in a car.
Note: This is the same product as p/n 1196497.

Physical data	
Cable length	1.2 m (3.9 ft).

Shipping information	
Packaging, type	Cardboard box
Packaging, weight	0.125 kg (0.28 lb.)
Packaging, size	202 × 146 × 25 mm (8.0 × 5.7 × 1.0 in.)
EAN-13	7332558004340 4743254001435 (Estonia plant)
UPC-12	845188004361
Country of origin	Sweden

Compatible with the following products:

- 72502-0501; FLIR T1010 12°
- 72502-0502; FLIR T1010 28°
- 72502-0503; FLIR T1010 45°
- 72501-0101; FLIR T1020 12°
- 72501-0102; FLIR T1020 28°
- 72501-0104; FLIR T1020 28° and 12°
- 72501-0105; FLIR T1020 28° and 45°
- 72501-0106; FLIR T1020 28°, 12°, and 45°
- 72501-0103; FLIR T1020 45°
- 72501-0201; FLIR T1030sc 12°
- 72501-0202; FLIR T1030sc 28°
- 72501-0203; FLIR T1030sc 45°
- 72501-0301; FLIR T1040 12°
- 72501-0302; FLIR T1040 28°
- 72501-0303; FLIR T1040 45°
- 72501-0401; FLIR T1050sc 12°
- 72501-0402; FLIR T1050sc 28°
- 72501-0403; FLIR T1050sc 45°
- 55903-1015; FLIR T600 15° (incl. Wi-Fi and Ext. cal.)
- 55903-0922; FLIR T600 15° (incl. Wi-Fi)
- 55903-1016; FLIR T600 25° (incl. Wi-Fi and Ext. cal.)
- 55903-1022; FLIR T600 25° (incl. Wi-Fi)
- 55903-1007; FLIR T600 25° and 15° w/case
- 55903-1008; FLIR T600 25° and 45° w/case
- 55903-1017; FLIR T600 45° (incl. Wi-Fi and Ext. cal.)
- 55903-1522; FLIR T600 45° (incl. Wi-Fi)
- 55903-2823; FLIR T600bx 25° (incl. Wi-Fi and Ext. cal.)
- 55903-2822; FLIR T600bx 25° (incl. Wi-Fi)
- 55903-2923; FLIR T600bx 45° (incl. Wi-Fi and Ext. cal.)
- 55903-2922; FLIR T600bx 45° (incl. Wi-Fi)
- 55903-8022; FLIR T610 15° (incl. Wi-Fi)
- 55903-3922; FLIR T610 25° (incl. Wi-Fi)
- 55903-4022; FLIR T610 45° (incl. Wi-Fi)
- 55903-5023; FLIR T620 15° (incl. Wi-Fi and Ext. cal.)
- 55903-5022; FLIR T620 15° (incl. Wi-Fi)
- 55903-5125; FLIR T620 25° (incl. Wi-Fi and Ext. cal.)
- 55903-5122; FLIR T620 25° (incl. Wi-Fi)
- 55903-5123; FLIR T620 25° and 15° (incl. Wi-Fi)
- 55903-5124; FLIR T620 25° and 45° (incl. Wi-Fi)

Cigarette lighter adapter kit, 12 VDC, 1.2 m/3.9 ft.

P/N:T198509

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Website

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Customer support

http://support.flir.com

- 55903-5223; FLIR T620 45° (incl. Wi-Fi and Ext. cal.)
- 55903-5222; FLIR T620 45° (incl. Wi-Fi)
- 55903-5623; FLIR T620bx 15° (incl. Wi-Fi and Ext. cal.)
- 55903-5622; FLIR T620bx 15° (incl. Wi-Fi)
- 55903-5723; FLIR T620bx 25° (incl. Wi-Fi and Ext. cal.)
- 55903-5722; FLIR T620bx 25° (incl. Wi-Fi)
- 55903-5823; FLIR T620bx 45° (incl. Wi-Fi and Ext. cal.)
- 55903-5822; FLIR T620bx 45° (incl. Wi-Fi)
- 55904-6222; FLIR T630 15° (incl. Wi-Fi)
- 55904-6322; FLIR T630 25° (incl. Wi-Fi)
- 55904-6422; FLIR T630 45° (incl. Wi-Fi)
- 55904-8023; FLIR T630sc 15° (incl. Wi-Fi)
- 55904-8123; FLIR T630sc 25° (incl. Wi-Fi)
- 55904-8124; FLIR T630sc 25° and 45° w/case
- 55904-8223; FLIR T630sc 45° (incl. Wi-Fi)
- 55904-6823; FLIR T640 15° (incl. Wi-Fi and Ext. cal.)
- 55904-6822; FLIR T640 15° (incl. Wi-Fi)
- 55904-6925; FLIR T640 25° (incl. Wi-Fi and Ext. cal.)
- 55904-6922; FLIR T640 25° (incl. Wi-Fi)
- 55904-6923; FLIR T640 25° and 15° (incl. Wi-Fi)
- 55904-6924; FLIR T640 25° and 45° (incl. Wi-Fi)
- 55904-7023; FLIR T640 45° (incl. Wi-Fi and Ext. cal.)
- 55904-7022; FLIR T640 45° (incl. Wi-Fi)
- 55904-7423; FLIR T640bx 15° (incl. Wi-Fi and Ext. cal.)
- 55904-7422; FLIR T640bx 15° (incl. Wi-Fi)
- 55904-7523; FLIR T640bx 25° (incl. Wi-Fi and Ext. cal.)
- 55904-7522; FLIR T640bx 25° (incl. Wi-Fi)
- 55904-7623; FLIR T640bx 45° (incl. Wi-Fi and Ext. cal.)
- 55904-7622; FLIR T640bx 45° (incl. Wi-Fi)
- 55904-7723; FLIR T650sc 15° (incl. Wi-Fi)
- 55904-8704; FLIR T650sc 25°
- 55904-7823; FLIR T650sc 25° (incl. Wi-Fi)
- 55904-7824; FLIR T650sc 25° and 15° w/case
- 55904-7825; FLIR T650sc 25° and 45° w/case
- 55904-7923; FLIR T650sc 45° (incl. Wi-Fi)
- 55904-8423; FLIR T660 15° (incl. Wi-Fi and Ext. cal.)
- 55904-8422; FLIR T660 15° (incl. Wi-Fi)
- 55904-8523; FLIR T660 25° (incl. Wi-Fi and Ext. cal.)
- 55904-8522; FLIR T660 25° (incl. Wi-Fi)
- 55904-8524; FLIR T660 25° and 15° w/case
- 55904-8525; FLIR T660 25° and 45° w/case
- 55904-8623; FLIR T660 45° (incl. Wi-Fi and Ext. cal.)
- 55904-8622; FLIR T660 45° (incl. Wi-Fi)
- 44401-0201; FLIR GF300 14.5°
- 44402-0201; FLIR GF300 14.5° Fixed lens
- 44401-0202; FLIR GF300 24°
- 44402-0202; FLIR GF300 24° Fixed lens
- 59601-0101; FLIR GF304 14.5°
- 59602-0101; FLIR GF304 14.5° Fixed lens
- 59601-0102; FLIR GF304 24°
- 59602-0102; FLIR GF304 24° Fixed lens
- 44201-0101; FLIR GF306 14.5°
- 44202-0101; FLIR GF306 14.5° Fixed lens
- 44201-0102; FLIR GF306 24°
- 44202-0102; FLIR GF306 24° Fixed lens
- 44601-0101; FLIR GF309 14.5°
- 44602-0101; FLIR GF309 14.5° Fixed lens
- 44601-0102; FLIR GF309 24°
- 44602-0102; FLIR GF309 24° Fixed lens
- 44401-0101; FLIR GF320 14.5°
- 44402-0101; FLIR GF320 14.5° Fixed lens
- 44401-0102; FLIR GF320 24°
- 44402-0102; FLIR GF320 24° Fixed lens
- 57501-0102; FLIR GF335 24°
- 59801-0101; FLIR GF346 14.5°
- 59802-0101; FLIR GF346 14.5° Fixed lens
- 59801-0102; FLIR GF346 24°
- 59802-0102; FLIR GF346 24° Fixed lens
- 74902-0101; FLIR GFx320 14.5° fixed lens
- 74902-0102; FLIR GFx320 24° fixed lens
- 64502-0801; FLIR E33
- 64502-1001; FLIR E40
- 64501-0101; FLIR E40 (incl. Wi-Fi)
- 64501-0103; FLIR E40 with SC kit (incl. Wi-Fi and 45° lens)
- 64501-0114; FLIR E40 with SC kit (incl. Wi-Fi)
- 64501-0501; FLIR E40bx (incl. Wi-Fi)
- 64502-1101; FLIR E50
- 64501-0201; FLIR E50 (incl. Wi-Fi)
- 64501-0601; FLIR E50bx (incl. Wi-Fi)
- 64502-1202; FLIR E60
- 64501-0302; FLIR E60 (incl. Wi-Fi)
- 64501-0702; FLIR E60bx (incl. Wi-Fi)
- 64501-0402; FLIR E63 (incl. Wi-Fi)
- 72203-0411; FLIR K33

Cigarette lighter adapter kit, 12 VDC, 1.2 m/3.9 ft.

P/N:T198509

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Website

http://www.flir.com

Customer support

http://support.flir.com

- 72203-0511; FLIR K53
- 72201-0106; FLIR K45
- 72201-0206; FLIR K55
- 72202-0303; FLIR K65

FLIR K65 accessory kit

P/N: T198398

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
The FLIR K65 accessory starter kit consists of the following items: • T127724ACC, Neck strap • T127722ACC, Retractable lanyard • T198416ACC, Lanyard strap • T129915ACC, Carabiner strap For full technical data, see the datasheet for each item.

Shipping information	
Packaging, type	Cardboard box
List of contents	• Neck strap • Retractable lanyard • Lanyard strap • Carabiner strap
Packaging, weight	0.29 kg (0.64 lb.)
Packaging, size	157 × 130 × 65 mm (6.2 × 5.1 × 2.6 in.)
EAN-13	4743254002401
UPC-12	845188012724
Country of origin	Estonia

Compatible with the following products:

- 72202-0303; FLIR K65

In-truck charger

P/N: T198322ACC

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Website

http://www.flir.com

Customer support

http://support.flir.com

Power system	
Charging time	< 4 hours
Charging temperature	0°C to +45°C (+32°F to +113°F)
External power, connector type	Screw terminal or HRS_UK60-3PT
DC operation	12/ 24 V DCnominal (11.1 - 28.0 V DC)
Power	Max 36 Watts or 3000 mA at 12 VDC (5 amps fuse)

Environmental data	
Operating temperature range	–40°C to +85°C (–40°F to +185°F)
Storage temperature range	–40°C to +85°C (–40°F to +185°F)
Relative humidity	Operational for non-condensing humidity between 5% and 95%.
EMC	• EN61000-6-3 Emission • EN61000-6-2 Immunity • FCC47CFR part 15 class B • NFPA requirements • ISO 7637-2 Road vehicles - Electrical disturbances from conduction and coupling Part 2: Electrical transient conduction along supply lines only
Encapsulation	IP 20
Bump	Operational after exposed to: 5 pulses/ in each axis/ direction (30 total) of 30g 11ms half sine profile
Vibration	Operational after exposed to: 4, 3g rms random profile. 8 hours in each axis.

Physical data	
Weight	1.050 kg
Size (L × W × H)	380 mm × 180 mm × 153 mm (15 in. × 7.1 in. × 6 in.)
Material	PC / ABS
Color	Grey / black

Shipping information	
List of contents	• Charger • Documentation • Card board box
Packaging, weight	3.2 kg (7.0 lb.)
Packaging, size	435 × 245 × 167 mm (17.1 × 9.6 × 6.6 in.)
EAN-13	4743254002159

In-truck charger

P/N:T198322ACC

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Website

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Customer support

http://support.flir.com

Shipping information	
UPC-12	845188011673
Country of origin	Estonia

Compatible with the following products:

- 72203-0411; FLIR K33
- 72203-0511; FLIR K53
- 72201-0106; FLIR K45
- 72201-0206; FLIR K55
- 72202-0303; FLIR K65

Lanyard strap

P/N:T198416ACC

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
Lanyard strap for FLIR Kxx series.

Physical data	
Weight	0.01 kg (0.22 lb.)
Size (L × W × H)	400 × 20 × 5 mm (15.7 × 0.8 × 0.2)
Material	Zink
Color	Black

Shipping information	
Packaging, type	Cardboard box
List of contents	• Lanyard strap
Packaging, weight	0.063 kg (0.14 lb.)
Packaging, size	170 × 65 × 75 mm (6.7 × 2.6 × 3.0 in.)
EAN-13	7332558009734 4743254001480 (Estonia plant)
UPC-12	845188006549
Country of origin	Estonia

Compatible with the following products:

- 72203-0411; FLIR K33
- 72203-0511; FLIR K53
- 72201-0106; FLIR K45
- 72201-0206; FLIR K55
- 72202-0303; FLIR K65

Battery

P/N:T198310ACC

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
High capacity battery for the IR camera.

Power system	
Battery type	Rechargeable Li ion battery
Battery voltage	3.6 V
Battery capacity	4.4 Ah, at +20°C (+68°F)
Battery note	Approximate lithium content: 1.32 g
Charging temperature	0°C to +45°C (+32°F to +113°F)

Environmental data	
Operating temperature range	–20°C to +85°C (-4°F to +185°F)

Physical data	
Weight	0.15 kg (0.3 lb.)
Size (L × W × H)	110 × 60× 45 mm (4.3 × 2.4 × 1.8 in.)

Shipping information	
List of contents	• Battery • Cardboard box
Packaging, weight	0.25 kg (0.55 lb.)
Packaging, size	185 × 140 × 65 mm (7.3 × 5.5 × 2.6 in.)
EAN-13	7332558009246 4743254001473 (Estonia plant)
UPC-12	845188006532
Country of origin	Estonia

Compatible with the following products:

- 72203-0411; FLIR K33
- 72203-0511; FLIR K53
- 72201-0106; FLIR K45
- 72201-0206; FLIR K55
- 72202-0303; FLIR K65

Neck strap

P/N:T127724ACC

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
Neck strap for the Kxx-series.

Physical data	
Weight	0.075 kg (0.2 lb.)
Size (L × W × H)	Adjustable 1200 to 2000 × 30 × 12 mm (47.2 to 78.7 × 1.2 × 0.5 in.)
Material	Kevlar
Color	Black

Shipping information	
List of contents	• Neck strap • Cardboard box
Packaging, weight	0.12 kg (0.27 lb.)
Packaging, size	170 × 65 × 75 mm (6.7 × 2.6 × 3.0 in.)
EAN-13	7332558009710 4743254001299 (Estonia plant)
UPC-12	845188005733
Country of origin	Estonia

Compatible with the following products:

- 72203-0411; FLIR K33
- 72203-0511; FLIR K53
- 72201-0106; FLIR K45
- 72201-0206; FLIR K55
- 72202-0303; FLIR K65

Retractable lanyard

P/N:T127722ACC

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
Retractable lanyard for FLIR Kxx series

Physical data	
Weight	0.120 kg (0.3 lb.)
Size (L × W × H)	120 × 60 × 40 (4.7 × 2.4 × 1.6 in.)
Color	Black

Shipping information	
List of contents	• Retractable lanyard • Cardboard box
Packaging, weight	0.17 kg (0.37 lb.)
Packaging, size	170 × 65 × 75 mm (6.7 × 2.6 × 3.0 in.)
EAN-13	7332558009727 4743254001466 (Estonia plant)
UPC-12	845188006518
Country of origin	Estonia

Compatible with the following products:

- 72203-0411; FLIR K33
- 72203-0511; FLIR K53
- 72201-0106; FLIR K45
- 72201-0206; FLIR K55
- 72202-0303; FLIR K65
- 73701-0101; FLIR K2

Screwdriver TX20

P/N:T911309ACC

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
Screwdriver TX20.

Physical data	
Weight	0.043 kg (0.099 lb.)
Size (L × D)	110 × 35 mm (4.3 × 1.37 in.)
Material	• Chrome vanadium alloy steel • Polymer
Color	Black

Shipping information	
Packaging, type	Cardboard box
List of contents	• Screwdriver TX20 • Cardboard box
Packaging, weight	0.1 kg (0.22 lb.)
Packaging, size	170 × 70 × 65 mm (6.7 × 2.8 × 2.6 in.)
EAN-13	4743254002166
UPC-12	845188011680
Country of origin	Estonia

Compatible with the following products:

- 74902-0101; FLIR GFx320 14.5° fixed lens
- 74902-0102; FLIR GFx320 24° fixed lens
- 72202-0303; FLIR K65

Transport case Kxx

P/N: T198441ACC

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
Rugged, watertight plastic transport case for FLIR Kxx series. Holds all items neatly and securely. The case can be locked with padlocks and features a membrane to prevent pressure build-up in airplane cargo holds.

Physical data	
Weight	2.65 kg (5.84 lb.)
Size (L × W × H)	484 × 345 × 178 mm (19.1 × 13.6 × 7.0 in.)
Material	PP with Rubber Blend (Polypropylene)
Color	Black

Shipping information	
Packaging, type	
Packaging, weight	
Packaging, size	
EAN-13	4743254001855
UPC-12	845188010164
Country of origin	Estonia

Compatible with the following products:

- 72203-0411; FLIR K33
- 72203-0511; FLIR K53
- 72201-0106; FLIR K45
- 72201-0206; FLIR K55
- 72202-0303; FLIR K65

Tripod Adapter, Kxx

P/N:T198457ACC

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
Tripod adapter for FLIR Kxx series. Necessary accessory to be able to mount the camera on a tripod.

Physical data	
Weight	0.13 kg (0.3 lb.)
Size (L × W × H)	66 × 59 × 23 mm (2.6 × 2.3 × 0.9 in.)
Material	Zink
Color	Black

Shipping information	
List of contents	• Tripod Adapter • Cardboard box
Packaging, weight	0.18 kg (0.4 lb.)
Packaging, size	170 × 65 × 75 mm (6.7 × 2.6 × 3.0 in.)
EAN-13	7332558009741 4743254001497 (Estonia plant)
UPC-12	845188006556
Country of origin	Estonia

Compatible with the following products:

- 72203-0411; FLIR K33
- 72203-0511; FLIR K53
- 72201-0106; FLIR K45
- 72201-0206; FLIR K55
- 72202-0303; FLIR K65

USB cable Std A <-> Mini-B

P/N:1910423

Revision

42932

Last modified

2017-05-30 15:32 UTC+1

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Disclaimer

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Website

http://www.flir.com

Customer support

http://support.flir.com

General description
This cable is used to connect the infrared camera with a computer, using the USB protocol.

Physical data	
Weight	60 g (2.1 oz.)
Cable length	1.8 m (5.9 ft.)
Connector	Standard USB-A to USB Mini-B

Shipping information	
Packaging, type	
Packaging, weight	
Packaging, size	
EAN-13	7332558003428
UPC-12	845188002176
Country of origin	Sweden

Compatible with the following products:

- 55903-1015; FLIR T600 15° (incl. Wi-Fi and Ext. cal.)
- 55903-0922; FLIR T600 15° (incl. Wi-Fi)
- 55903-1016; FLIR T600 25° (incl. Wi-Fi and Ext. cal.)
- 55903-1022; FLIR T600 25° (incl. Wi-Fi)
- 55903-1007; FLIR T600 25° and 15° w/case
- 55903-1008; FLIR T600 25° and 45° w/case
- 55903-1017; FLIR T600 45° (incl. Wi-Fi and Ext. cal.)
- 55903-1522; FLIR T600 45° (incl. Wi-Fi)
- 55903-2823; FLIR T600bx 25° (incl. Wi-Fi and Ext. cal.)
- 55903-2822; FLIR T600bx 25° (incl. Wi-Fi)
- 55903-2923; FLIR T600bx 45° (incl. Wi-Fi and Ext. cal.)
- 55903-2922; FLIR T600bx 45° (incl. Wi-Fi)
- 55903-8022; FLIR T610 15° (incl. Wi-Fi)
- 55903-3922; FLIR T610 25° (incl. Wi-Fi)
- 55903-4022; FLIR T610 45° (incl. Wi-Fi)
- 55903-5023; FLIR T620 15° (incl. Wi-Fi and Ext. cal.)
- 55903-5022; FLIR T620 15° (incl. Wi-Fi)
- 55903-5125; FLIR T620 25° (incl. Wi-Fi and Ext. cal.)
- 55903-5122; FLIR T620 25° (incl. Wi-Fi)
- 55903-5123; FLIR T620 25° and 15° (incl. Wi-Fi)
- 55903-5124; FLIR T620 25° and 45° (incl. Wi-Fi)
- 55903-5223; FLIR T620 45° (incl. Wi-Fi and Ext. cal.)
- 55903-5222; FLIR T620 45° (incl. Wi-Fi)
- 55903-5623; FLIR T620bx 15° (incl. Wi-Fi and Ext. cal.)
- 55903-5622; FLIR T620bx 15° (incl. Wi-Fi)
- 55903-5723; FLIR T620bx 25° (incl. Wi-Fi and Ext. cal.)
- 55903-5722; FLIR T620bx 25° (incl. Wi-Fi)
- 55903-5823; FLIR T620bx 45° (incl. Wi-Fi and Ext. cal.)
- 55903-5822; FLIR T620bx 45° (incl. Wi-Fi)
- 55904-6222; FLIR T630 15° (incl. Wi-Fi)
- 55904-6322; FLIR T630 25° (incl. Wi-Fi)
- 55904-6422; FLIR T630 45° (incl. Wi-Fi)
- 55904-8023; FLIR T630sc 15° (incl. Wi-Fi)
- 55904-8123; FLIR T630sc 25° (incl. Wi-Fi)
- 55904-8124; FLIR T630sc 25° and 45° w/case

USB cable Std A <-> Mini-B

P/N: 1910423

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Website

http://www.flir.com

Customer support

http://support.flir.com

- 55904-8223; FLIR T630sc 45° (incl. Wi-Fi)
- 55904-6823; FLIR T640 15° (incl. Wi-Fi and Ext. cal.)
- 55904-6822; FLIR T640 15° (incl. Wi-Fi)
- 55904-6925; FLIR T640 25° (incl. Wi-Fi and Ext. cal.)
- 55904-6922; FLIR T640 25° (incl. Wi-Fi)
- 55904-6923; FLIR T640 25° and 15° (incl. Wi-Fi)
- 55904-6924; FLIR T640 25° and 45° (incl. Wi-Fi)
- 55904-7023; FLIR T640 45° (incl. Wi-Fi and Ext. cal.)
- 55904-7022; FLIR T640 45° (incl. Wi-Fi)
- 55904-7423; FLIR T640bx 15° (incl. Wi-Fi and Ext. cal.)
- 55904-7422; FLIR T640bx 15° (incl. Wi-Fi)
- 55904-7523; FLIR T640bx 25° (incl. Wi-Fi and Ext. cal.)
- 55904-7522; FLIR T640bx 25° (incl. Wi-Fi)
- 55904-7623; FLIR T640bx 45° (incl. Wi-Fi and Ext. cal.)
- 55904-7622; FLIR T640bx 45° (incl. Wi-Fi)
- 55904-7723; FLIR T650sc 15° (incl. Wi-Fi)
- 55904-8704; FLIR T650sc 25°
- 55904-7823; FLIR T650sc 25° (incl. Wi-Fi)
- 55904-7824; FLIR T650sc 25° and 15° w/case
- 55904-7825; FLIR T650sc 25° and 45° w/case
- 55904-7923; FLIR T650sc 45° (incl. Wi-Fi)
- 55904-8423; FLIR T660 15° (incl. Wi-Fi and Ext. cal.)
- 55904-8422; FLIR T660 15° (incl. Wi-Fi)
- 55904-8523; FLIR T660 25° (incl. Wi-Fi and Ext. cal.)
- 55904-8522; FLIR T660 25° (incl. Wi-Fi)
- 55904-8524; FLIR T660 25° and 15° w/case
- 55904-8525; FLIR T660 25° and 45° w/case
- 55904-8623; FLIR T660 45° (incl. Wi-Fi and Ext. cal.)
- 55904-8622; FLIR T660 45° (incl. Wi-Fi)
- 55001-0101; FLIR A615 15°
- 55001-0102; FLIR A615 25°
- 55001-0103; FLIR A615 45°
- 55001-0104; FLIR A615 7°
- 55001-0105; FLIR A615 80°
- 55001-0301; FLIR A655sc 15°
- 55001-0302; FLIR A655sc 25°
- 55001-0303; FLIR A655sc 45°
- 55001-0304; FLIR A655sc 7°
- 55001-0305; FLIR A655sc 80°
- 44401-0201; FLIR GF300 14.5°
- 44402-0201; FLIR GF300 14.5° Fixed lens
- 44401-0202; FLIR GF300 24°
- 44402-0202; FLIR GF300 24° Fixed lens
- 59601-0101; FLIR GF304 14.5°
- 59602-0101; FLIR GF304 14.5° Fixed lens
- 59601-0102; FLIR GF304 24°
- 59602-0102; FLIR GF304 24° Fixed lens
- 44201-0101; FLIR GF306 14.5°
- 44202-0101; FLIR GF306 14.5° Fixed lens
- 44201-0102; FLIR GF306 24°
- 44202-0102; FLIR GF306 24° Fixed lens
- 44601-0101; FLIR GF309 14.5°
- 44602-0101; FLIR GF309 14.5° Fixed lens
- 44601-0102; FLIR GF309 24°
- 44602-0102; FLIR GF309 24° Fixed lens
- 44401-0101; FLIR GF320 14.5°
- 44402-0101; FLIR GF320 14.5° Fixed lens
- 44401-0102; FLIR GF320 24°
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- 64501-0103; FLIR E40 with SC kit (incl. Wi-Fi and 45° lens)
- 64501-0114; FLIR E40 with SC kit (incl. Wi-Fi)
- 64501-0501; FLIR E40bx (incl. Wi-Fi)
- 64502-1101; FLIR E50
- 64501-0201; FLIR E50 (incl. Wi-Fi)
- 64501-0601; FLIR E50bx (incl. Wi-Fi)
- 64502-1202; FLIR E60
- 64501-0302; FLIR E60 (incl. Wi-Fi)
- 64501-0702; FLIR E60bx (incl. Wi-Fi)
- 64501-0402; FLIR E63 (incl. Wi-Fi)
- 72203-0411; FLIR K33
- 72203-0511; FLIR K53
- 72201-0106; FLIR K45
- 72201-0206; FLIR K55
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