

P/N: 44201-0102

Copyright

© 2020, FLIR Systems, Inc.

All rights reserved worldwide. Names and marks appearing 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.

Document identity

Publ. No.: 44201-0102 Commit: 55049 Language: en-US Modified: 2019-01-31 Formatted: 2020-06-11

Website

http://www.flir.com

Customer support

http://support.flir.com

Disclaimer

Specifications 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@flir.com with any questions.



General description

The FLIR GF306 is an infrared camera for optical gas imaging (OGI) that visualizes and pinpoints gas leaks—especially of sulfur hexafluoride (SF₆) and ammonia—without the need to de-energize high-voltage equipment or shut down the operation. The portable camera also greatly improves operator safety by detecting emissions at a safe distance, and helps to protect the environment by tracing leaks of environmentally harmful gases.

SF₆ is used in the electric power industry as an insulator and quenching medium for gas-insulated substations and circuit breakers. The gas is also used in magnesium production and semiconductor manufacture. Ammonia is produced in ammonia plants, and is used mainly for the production of fertilizers.

Benefits:

- Improved efficiency: The FLIR GF306 reduces revenue loss by pinpointing even small gas leaks quickly and efficiently, and from a distance. It also reduces inspection time by allowing a broad area to be scanned rapidly and without the need to de-energize components in the high-voltage area. The wireless connectivity of the camera allows you to connect to smart phones or tablets for the wireless transfer of images or the remote control of the camera. The FLIR GF306 can also be used for temperature measurement, which makes it even more useful for the predictive maintenance of high-voltage equipment.
- Increased worker safety: OGI allows gas leaks to be detected in a non-contact mode and from a
 safe distance. This prevents electrical exposure to personnel working in a high-voltage area. With a
 GF306 gas imaging camera, it is easy to scan areas of interest that are difficult to reach with
 conventional methods. The camera is ergonomically designed, with a bright LCD and tiltable
 viewfinder, which facilitates its use over a full working day.
- Protecting the environment: SF₆ is a well-known greenhouse gas that causes harm to the
 environment, and is usually governed by regulations. SF₆ has a global warming potential 24 000
 times higher than carbon dioxide. Even small leaks can be detected and documented using the
 FLIR GF306 camera.

Detects the following gases: sulfur hexafluoride, acetyl chloride, acetic acid, allyl bromide, allyl chloride, allyl fluoride, ammonia, bromomethane, chlorine dioxide, ethyl cyanoacrylate, ethylene, furan, hydrazine, methylsilane, methyl ethyl ketone, methyl vinyl ketone, propenal, propene, R-134a, tetrahydrofuran, trichloroethylene, uranyl fluoride, vinyl chloride, vinyl cyanide, vinyl ether.

Imaging and optical data	
IR resolution	320 × 240 pixels
Thermal sensitivity/NETD	<15 mK @ +30°C (+86°F)
Field of view (FOV)	24° × 18°
Minimum focus distance	0.3 m (1.0 ft.)
Focal length	23 mm (0.89 in.)
Lens identification	Automatic
F-number	1.5
Focus	Automatic (one touch) or manual (electric or on the lens)



P/N: 44201-0102

© 2020, FLIR Systems, Inc. #44201-0102; r. 55049; en-US

Imaging and optical data		
Zoom	1-8× continuous, digital zoom	
Digital image enhancement	Noise reduction filter, high sensitivity mode (HSM)	
Detector data		
Detector type	Focal plane array (FPA), cooled QWIP	
Spectral range	10.3–10.7 μm	
Detector pitch	30 μm	
Sensor cooling	Stirling Microcooler (FLIR MC-3)	
Detects following gases	Sulfur Hexafluoride (SF6), Acetyl Chloride, Acetic Acid, Allyl Bromide, Allyl Chloride, Allyl Fluoride, Ammonia (NH3), Bromomethane, Chlorine Dioxide, Ethyl Cyanoacrylate, Ethylene, Furan, Hydrazine, Methylsilane, Methyl Ethyl Ketone, Methyl Vinyl Ketone, Propenal, Propene, R 134a, Tetrahydrofuran, Trichloroethylene, Uranyl Fluoride, Vinyl Chloride, Vinyl Cyanide, Vinyl Ether	
Electronics and data rate		
Full frame rate	60 Hz	
Image presentation		
Display	Built-in widescreen, 4.3 in. LCD, 800 × 480 pixels	
Viewfinder	Built-in, tiltable OLED, 800 × 480 pixels	
Automatic image adjustment	Continuous/manual; linear or histogram based	
Manual image adjustment	Level/span	
Image presentation modes		
Image modes	IR image, visual image, high sensitivity mode (HSM)	
Measurement		
Temperature range	-40°C to +500°C (-40°F to +932°F)	
Accuracy	±1°C (±1.8°F) for temperature range (0°C, to +100°C, +32°F to +212°F) or ±2% of reading for temperature range (>+100°C, >+212°F)	
Measurement analysis		
Spotmeter	10	
Area	5 boxes with max./min./average	
Profile	1 live line (horizontal or vertical)	
Difference temperature	Delta temperature between measurement functions or reference temperature	
Reference temperature	Manually set or captured from any measurement function	
Emissivity correction	Variable from 0.01 to 1.0 or selected from editable materials list	
Reflected apparent temperature correction	Automatic, based on input of reflected temperature	
Measurement corrections	Reflected temperature, distance, atmospheric transmission, humidity, external optics	



P/N: 44201-0102

© 2020, FLIR Systems, Inc. #44201-0102; r. 55049; en-US

Set-up		
Menu commands	Level, span	
	Auto adjust continuous/manual/semi-automatic	
	Zoom	
	Palette	
	Start/stop recording	
	Store image	
	Playback/recall image	
Color palettes	Iron, Gray, Rainbow, Arctic, Lava, Rainbow HC	
Set-up commands	1 programmable button, overlay recording mode, local adaptation of units, language, date and time formats	
Storage of images		
Storage media	Removable SD or SDHC memory card , two card slots	
Image storage capacity	> 1200 images (JPEG) with post process capability per GB on memory card	
Image storage mode	IR/visual images	
	Visual image can automatically be associated with corresponding IR image	
Periodic image storage	Every 10 seconds up to 24 hours	
File formats	Standard JPEG, 14 bit measurement data included	
Geographic Information System		
GPS	Location data automatically added to every image from built-in GPS	
Video recording in camera		
Radiometric IR video recording	*.seq video clips to memory card (7.5 and 15 Hz).	
Non-radiometric IR video recording	MPEG4 (up to 60 minutes/clip) to memory card.	
	Visual image can automatically be associated with corresponding recording of non-radiometric IR video.	
Visual video recording	MPEG4 (25 minutes/clip) to memory card	
Video streaming		
Radiometric IR video streaming	Full dynamic to PC using USB cable or to mobile devices using Wi-Fi. PC software capable of displaying the video stream include the following: FLIR IR Camera Player FLIR ResearchIR FLIR Tools	
Non-radiometric IR video streaming	RTP/MPEG4	
Digital camera		
Built-in digital camera	3.2 Mpixels, auto focus, and two video lamps	
Laser pointer		
Laser	Activated by dedicated button	
Laser classification	Class 2	
Laser type	Semiconductor AlGaInP diode laser, 1 mW, 635 nm (red)	
	•	



P/N: 44201-0102

© 2020, FLIR Systems, Inc. #44201-0102; r. 55049; en-US

USB	USB		
USB At. Connect external USB device USB Mini-B: 20 high speed			
Composite video Video out Digital video output (image) Power system Battery type Battery voltage 7.2 V Battery capacity 4.4 Ah Battery operating time > 2 hours at 25°C (+77°F) and typical use Charging system In camera (AC adapter or 12 V from a vehicle) or 2-bay charger Charging time 2.5 h to 95% capacity, charging status indicated by LED's External power operation 4.2 Adapter 90–260 VAC, 50′60 Hz or 12 V from a vehicle (eable with standard plug, optional) DC operation 10.8 to 16 V DC, polarity protected (proprietary protected) Power 12.5 W typically Start-up time 7ypically 10 min. @ 25°C (+77°F) Environmental data 7ypically 10 min. @ 25°C (+77°F) Operating temperature range -20°C to +40°C (-4°F to +104°F) Storage temperature range -30°C to +60°C (-22°F to +140°F) Humidity (operating and storage) IEC 68-2-30/24 h 95% relative humidity +25°C to +40°C (+77°F to +104°F) (2 cycles) Directives - 73/23EEC (-200/295/EC (000		
Digital video output (image)	USB, standard	USB Mini-B: 2.0 high speed	
Battery type	Composite video		
Battery type Rechargeable Li ion battery Battery voltage 7.2 V Battery capacity 4.4 Ah Battery operating time > 2 hours at 25°C (+77°F) and typical use Charging system In camera (AC adapter or 12 V from a vehicle) or 2-bay charger Charging time 2.5 h to 95% capacity, charging status indicated by LED's External power operation AC adapter 90–260 VAC, 50/60 Hz or 12 V from a vehicle (cable with standard plug, optional) DC operation 10.8 to 16 V DC, polarity protected (proprietary protected) Power 12.5 W typically Start-up time Typically 10 min. @ 25°C (+77°F) Environmental data -20°C to +40°C (-4°F to +104°F) Storage temperature range -20°C to +40°C (-4°F to +104°F) Humidity (operating and storage) IEC 68-2-30/24 h 95% relative humidity +25°C to +40°C (-4°F to +104°F) Directives -73/28 EC Directives -73/28 EC EMC - 8002/96/EC EMC - 806100-6-4 (Emission) - EN61000-6-2 (Immunity) - EN61000-6-2 (Immunity) - EN61000-6-2 (Immunity) - EN61000-6-2 (Immunity) - EN61000-6-2 (Immunity) - EN61000-	Video out	Digital video output (image)	
### Battery voltage ### 7.2 V ### Battery capacity ### 4.4 Ah ### Battery operating time ### 2.2 hours at 25°C (+77°F) and typical use ### Charging system ### 1.2 hours at 25°C (+77°F) and typical use ### 1.2 hours at 25°C (+77°F) and typical use ### 1.2 hours at 25°C (+77°F) and typical use ### 1.2 hours at 25°C (+77°F) and typical use ### 1.2 hours at 25°C (+77°F) and typical use ### 1.2 hours at 25°C (+77°F) and typical use ### 1.2 hours at 25°C (+77°F) ### 1.2 hours at 25°C	Power system		
### Battery capacity ### 4.4 Ah ### Battery operating time	Battery type	Rechargeable Li ion battery	
Satery operating time	Battery voltage	7.2 V	
In camera (AC adapter or 12 V from a vehicle) or 2-bay charger	Battery capacity	4.4 Ah	
2-bay charger 2.5 h to 95% capacity, charging status indicated by LED's	Battery operating time	> 2 hours at 25°C (+77°F) and typical use	
by LED's	Charging system		
DC operation 10.8 to 16 V DC, polarity protected (proprietary protected) Power 12.5 W typically Start-up time Typically 10 min. @ 25°C (+77°F) Environmental data -20°C to +40°C (-4°F to +104°F) Operating temperature range -30°C to +60°C (-22°F to +140°F) Humidity (operating and storage) IEC 68-2-30/24 h 95% relative humidity +25°C to +40°C (+77°F to +104°F) (2 cycles) Directives * 73/23EEC ** 2004/108/EC ** 2002/95/EC ** EMC * EN61000-6-4 (Emission) ** EN61000-6-2 (Immunity) ** FCC 47 CFR Part 15 class A (Emission) ** EN61000-4-8, L5 Encapsulation IP 54 (IEC 60529) Shock 25 g (IEC 60068-2-27) Vibration 2 g (IEC 60068-2-6) Safety Power supply: EN/UL/IEC 60950-1 Physical data ** Camera weight, incl. lens and battery 1.94 kg (4.27 lb.) Camera weight, incl. lens and battery 2.24 kg (4.94 lb.) Camera weight, incl. lens and battery 2.48 kg (5.47 lb.) Battery weight 0.24 kg (0.52 lb.) Camera size, excl. lens (L × W × H) 306 x 169 x 161 mm (12.0 x 6.7 x 6.3 in.)	Charging time		
Power 12.5 W typically	External power operation		
Typically 10 min. @ 25°C (+77°F)	DC operation		
Environmental data	Power	12.5 W typically	
Operating temperature range -20°C to +40°C (-4°F to +104°F) Storage temperature range -30°C to +60°C (-22°F to +140°F) Humidity (operating and storage) IEC 68-2-30/24 h 95% relative humidity +25°C to +40°C (+77°F to +104°F) (2 cycles) Directives • 73/23EEC • 2004/108/EC • 2002/95/EC • 2002/96/EC EMC • EN61000-6-4 (Emission) • EN61000-6-2 (Immunity) • FCC 47 CFR Part 15 class A (Emission) • EN 61 000-4-8, L5 Encapsulation IP 54 (IEC 60529) Shock 25 g (IEC 60068-2-27) Vibration 2 g (IEC 60068-2-6) Safety Power supply: EN/UL/IEC 60950-1 Physical data Camera weight, excl. lens and battery 1.94 kg (4.27 lb.) Camera weight, incl. lens and excl. battery 2.24 kg (4.94 lb.) Camera weight, incl. lens and battery 2.48 kg (5.47 lb.) Battery weight 0.24 kg (0.52 lb.) Camera size, excl. lens (L × W × H) 284 × 169 × 161 mm (11.2 × 6.7 × 6.3 in.) Cameras size, incl. lens (L × W × H) 306 × 169 × 161 mm (12.0 × 6.7 × 6.3 in.)	Start-up time	Typically 10 min. @ 25°C (+77°F)	
Storage temperature range	Environmental data		
Humidity (operating and storage)	Operating temperature range	-20°C to +40°C (-4°F to +104°F)	
#40°C (+77°F to +104°F) (2 cycles) For the first of th	Storage temperature range	-30°C to +60°C (-22°F to +140°F)	
### Property of State	Humidity (operating and storage)		
• EN61000-6-4 (Emission) • EN61000-6-2 (Immunity) • FCC 47 CFR Part 15 class A (Emission) • EN 61 000-4-8, L5 Encapsulation IP 54 (IEC 60529) Shock 25 g (IEC 60068-2-27) Vibration 2 g (IEC 60068-2-6) Safety Power supply: EN/UL/IEC 60950-1 Physical data Camera weight, excl. lens and battery 1.94 kg (4.27 lb.) Camera weight, incl. lens and excl. battery 2.24 kg (4.94 lb.) Camera weight, incl. lens and battery 2.48 kg (5.47 lb.) Battery weight 0.24 kg (0.52 lb.) Camera size, excl. lens (L × W × H) 284 × 169 × 161 mm (11.2 × 6.7 × 6.3 in.) Cameras size, incl. lens (L × W × H) 306 × 169 × 161 mm (12.0 × 6.7 × 6.3 in.)	Directives	2004/108/EC2002/95/EC	
Shock 25 g (IEC 60068-2-27) Vibration 2 g (IEC 60068-2-6) Safety Power supply: EN/UL/IEC 60950-1 Physical data Camera weight, excl. lens and battery 1.94 kg (4.27 lb.) Camera weight, incl. lens and excl. battery 2.24 kg (4.94 lb.) Camera weight, incl. lens and battery 2.48 kg (5.47 lb.) Battery weight 0.24 kg (0.52 lb.) Camera size, excl. lens (L x W x H) 284 x 169 x 161 mm (11.2 x 6.7 x 6.3 in.) Cameras size, incl. lens (L x W x H) 306 x 169 x 161 mm (12.0 x 6.7 x 6.3 in.)	EMC	EN61000-6-2 (Immunity)FCC 47 CFR Part 15 class A (Emission)	
Vibration 2 g (IEC 60068-2-6) Safety Power supply: EN/UL/IEC 60950-1 Physical data Camera weight, excl. lens and battery 1.94 kg (4.27 lb.) Camera weight, incl. lens and excl. battery 2.24 kg (4.94 lb.) Camera weight, incl. lens and battery 2.48 kg (5.47 lb.) Battery weight 0.24 kg (0.52 lb.) Camera size, excl. lens (L x W x H) 284 x 169 x 161 mm (11.2 x 6.7 x 6.3 in.) Cameras size, incl. lens (L x W x H) 306 x 169 x 161 mm (12.0 x 6.7 x 6.3 in.)	Encapsulation	IP 54 (IEC 60529)	
Physical data 1.94 kg (4.27 lb.) Camera weight, excl. lens and battery 2.24 kg (4.94 lb.) Camera weight, incl. lens and excl. battery 2.48 kg (5.47 lb.) Battery weight 0.24 kg (0.52 lb.) Camera size, excl. lens (L × W × H) 284 × 169 × 161 mm (11.2 × 6.7 × 6.3 in.) Cameras size, incl. lens (L × W × H) 306 × 169 × 161 mm (12.0 × 6.7 × 6.3 in.)	Shock	25 g (IEC 60068-2-27)	
Physical data Camera weight, excl. lens and battery 1.94 kg (4.27 lb.) Camera weight, incl. lens and excl. battery 2.24 kg (4.94 lb.) Camera weight, incl. lens and battery 2.48 kg (5.47 lb.) Battery weight 0.24 kg (0.52 lb.) Camera size, excl. lens (L x W x H) 284 x 169 x 161 mm (11.2 x 6.7 x 6.3 in.) Cameras size, incl. lens (L x W x H) 306 x 169 x 161 mm (12.0 x 6.7 x 6.3 in.)	Vibration	2 g (IEC 60068-2-6)	
Camera weight, excl. lens and battery 1.94 kg (4.27 lb.) Camera weight, incl. lens and excl. battery 2.24 kg (4.94 lb.) Camera weight, incl. lens and battery 2.48 kg (5.47 lb.) Battery weight 0.24 kg (0.52 lb.) Camera size, excl. lens (L × W × H) 284 × 169 × 161 mm (11.2 × 6.7 × 6.3 in.) Cameras size, incl. lens (L × W × H) 306 × 169 × 161 mm (12.0 × 6.7 × 6.3 in.)	Safety	Power supply: EN/UL/IEC 60950-1	
Camera weight, incl. lens and excl. battery 2.24 kg (4.94 lb.) Camera weight, incl. lens and battery 2.48 kg (5.47 lb.) Battery weight 0.24 kg (0.52 lb.) Camera size, excl. lens (L × W × H) 284 × 169 × 161 mm (11.2 × 6.7 × 6.3 in.) Cameras size, incl. lens (L × W × H) 306 × 169 × 161 mm (12.0 × 6.7 × 6.3 in.)	Physical data		
Camera weight, incl. lens and battery 2.48 kg (5.47 lb.) Battery weight 0.24 kg (0.52 lb.) Camera size, excl. lens (L × W × H) 284 × 169 × 161 mm (11.2 × 6.7 × 6.3 in.) Cameras size, incl. lens (L × W × H) 306 × 169 × 161 mm (12.0 × 6.7 × 6.3 in.)	Camera weight, excl. lens and battery	1.94 kg (4.27 lb.)	
Battery weight 0.24 kg (0.52 lb.) Camera size, excl. lens (L \times W \times H) 284 \times 169 \times 161 mm (11.2 \times 6.7 \times 6.3 in.) Cameras size, incl. lens (L \times W \times H) 306 \times 169 \times 161 mm (12.0 \times 6.7 \times 6.3 in.)	Camera weight, incl. lens and excl. battery	2.24 kg (4.94 lb.)	
Camera size, excl. lens (L \times W \times H) 284 \times 169 \times 161 mm (11.2 \times 6.7 \times 6.3 in.) Cameras size, incl. lens (L \times W \times H) 306 \times 169 \times 161 mm (12.0 \times 6.7 \times 6.3 in.)	Camera weight, incl. lens and battery	2.48 kg (5.47 lb.)	
Cameras size, incl. lens (L \times W \times H) 306 \times 169 \times 161 mm (12.0 \times 6.7 \times 6.3 in.)	Battery weight	0.24 kg (0.52 lb.)	
	Camera size, excl. lens (L × W × H)	284 × 169 × 161 mm (11.2 × 6.7 × 6.3 in.)	
Battery size (L \times W \times H) 141 \times 47 \times 28 mm (5.5 \times 1.8 \times 1.1 in.)	Cameras size, incl. lens $(L \times W \times H)$	306 × 169 × 161 mm (12.0 × 6.7 × 6.3 in.)	
	Battery size (L × W × H)	141 × 47 × 28 mm (5.5 × 1.8 × 1.1 in.)	

\$FLIR°

FLIR GF306 24°

P/N: 44201-0102

© 2020, FLIR Systems, Inc. #44201-0102; r. 55049; en-US

Physical data	
Battery charger size $(L \times W \times H)$	158 × 122 × 25 mm (6.2 × 4.8 × 1.0 in.)
Tripod mounting	UNC 1/4"-20
Housing material	Aluminum, magnesium
Grip material	TPE thermoplastic elastomers

Shipping information	
Packaging, type	Cardboard box
List of contents	Infrared camera with lens Battery charger Battery, 2 ea. Hard transport case HDMI-DVI cable HDMI-HDMI cable Lens cap (2 ea.) Lens cap (mounted on lens) Memory card Power supply, incl. multi-plugs Printed documentation Shoulder strap USB cable Wi-Fi USB micro adapter (depending on CE and FCC regulations regarding wireless equipment for your country)
Packaging, weight	
Packaging, size	400 × 190 × 510 mm (15.7 × 7.5 × 20.1 in.)

Supplies & accessories:

- T911881ACC; Camera bag and harness, GF series
- T197386; IR lens, f=23 mm (24°) with case (for GF304, GF306)
- T197384; IR lens, f=38 mm (14.5°) with case (for GF304, GF306)
- T197692; Battery charger, incl. power supply with multi plugs
- T910814; Power supply, incl. multi plugs
- T199367ACC; Battery Li-ion 7.2 V, 4.4 Ah, 32 Wh
- T199183ACC; Battery Li-ion 7.2 V, 4.4 Ah, 32 Wh
- T911650ACC; Memory card SD Card 8 GB
- 1910423; USB cable Std A <-> Mini-B
- T198509; Cigarette lighter adapter kit, 12 VDC, 1.2 m/3.9 ft.
- 1910423ACC; USB cable Std A <-> Mini-B
- T910815ACC; HDMI to HDMI cable 1.5 m
- T910816ACC; HDMI to DVI cable 1.5 m
- T197555; Hard transport case for FLIR GF3xx-Series
- T951387; Wi-Fi USB micro adapter
- T130007; Extended Calibration Certificate
- T198567; ThermoVision™ System Developers Kit Ver. 2.6
- T198566; ThermoVision™ LabVIEW® Digital Toolkit Ver. 3.3
- APP-10002; FLIR Tools Mobile (Android Application)
- T198586; FLIR Reporter Professional (license only)
- T300243; FLIR Thermal Studio Pro, 1 Year Subscription
- T300083; FLIR Thermal Studio Pro, Perpetual license
- T300341; FLIR Thermal Studio Standard, 1 Year Subscription
- T300258; FLIR Thermal Studio Standard, Perpetual license
- T198584; FLIR Tools
- T198583; FLIR Tools+ (download card incl. license key)
- T198697; FLIR ResearchIR Max + HSDR 4 (hardware sec. dev.)
- T199014; FLIR ResearchIR Max + HSDR 4 (printed license key)
- T199044; FLIR ResearchIR Max + HSDR 4 Upgrade (printed license key)
- T198696; FLIR ResearchIR Max 4 (hardware sec. dev.)

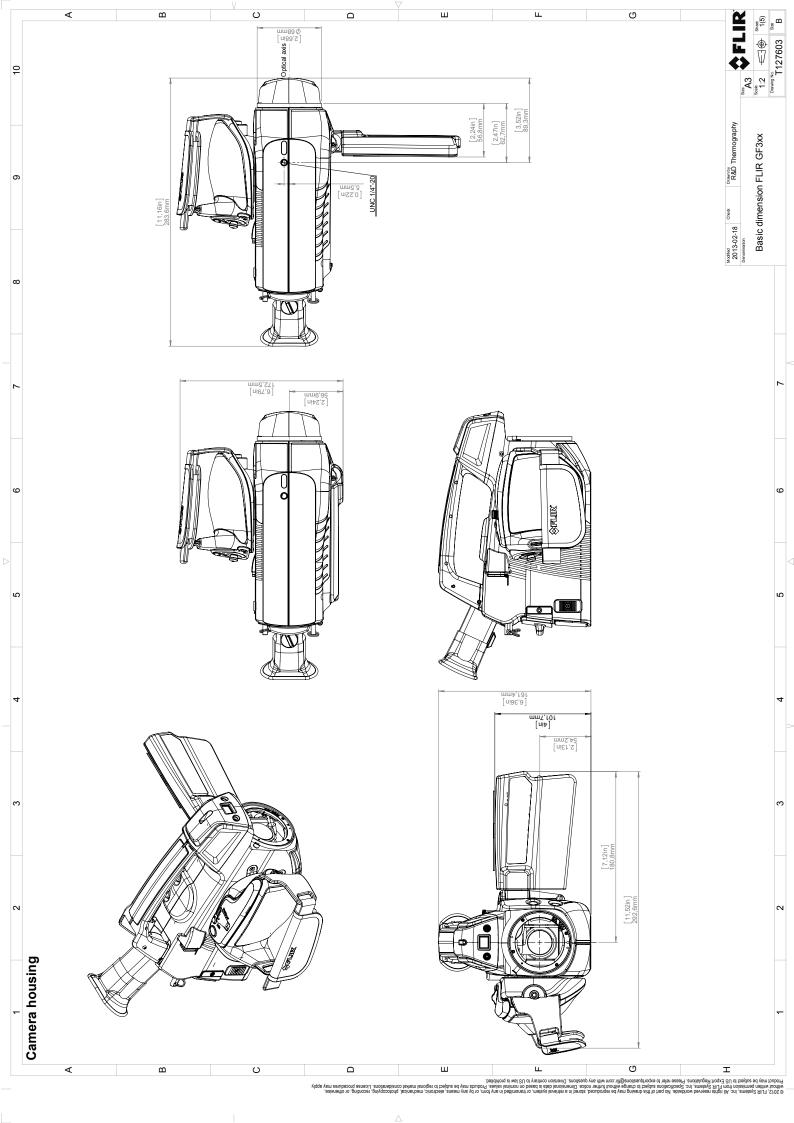
\$FLIR

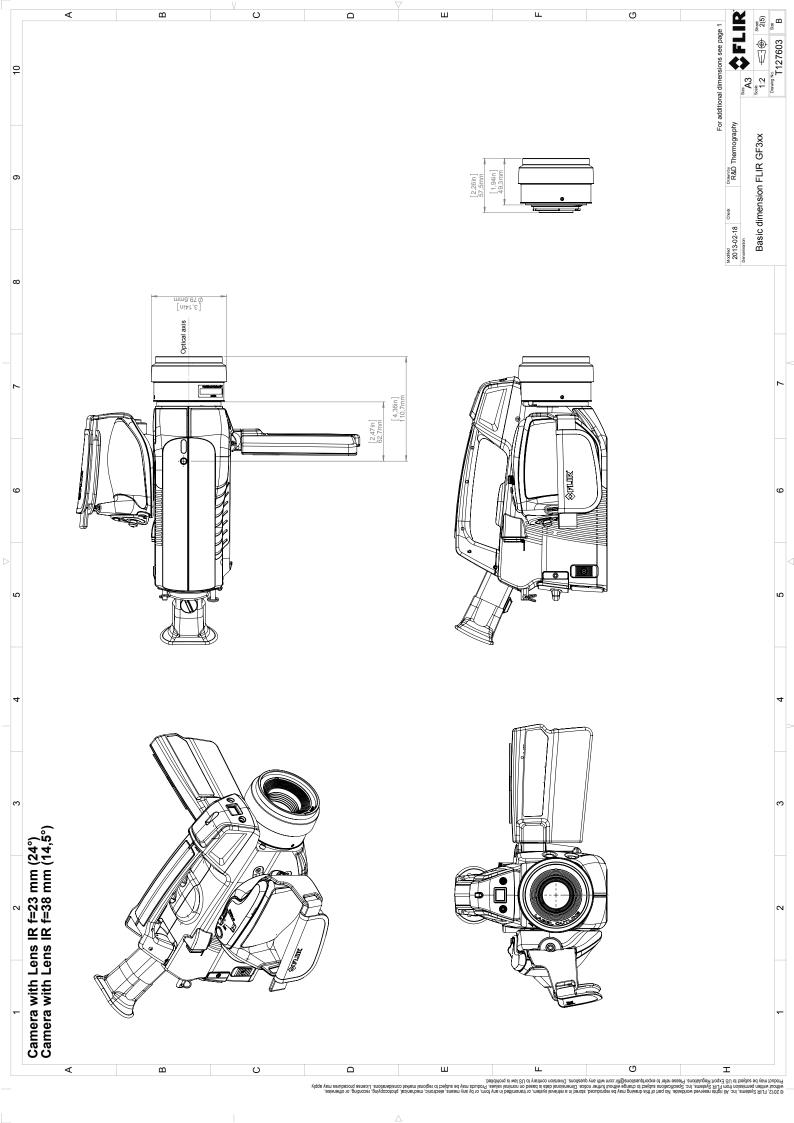
FLIR GF306 24°

P/N: 44201-0102

© 2020, FLIR Systems, Inc. #44201-0102; r. 55049; en-US

- T199013; FLIR ResearchIR Max 4 (printed license key)
- T199043; FLIR ResearchIR Max 4 Upgrade (printed license key)
- T198731; FLIR ResearchIR Standard 4 (hardware sec. dev.)
- T199012; FLIR ResearchIR Standard 4 (printed license key)
- T199042; FLIR ResearchIR Standard 4 Upgrade (printed license key)
- T199233; FLIR Atlas SDK for .NET
- T199234; FLIR Atlas SDK for MATLAB
- INST-EW-0230; Extended Warranty 1 Year for GF3xx, GFX320, G300pt, GF620, SC670X
- INST-EWGM-0210; Premium Service Package for A6604, GF3xx-series, GFX320, G300pt, GF620, GasFindIR HSX, GasFindIR LW, SC4000
- INST-GM-0175; General Maintenance Package for G300a, GF3xx







October 17, 2012 AQ125905

CE Declaration of Conformity

This is to certify that the System listed below has been designed and manufactured to meet the requirements, as applicable, of the following EU-Directives and corresponding harmonising standards. The systems consequently meet the requirements for the CEmark.

Directives:

Directive 2004/108/EC;

Electromagnetic Compatibility

Directive 2006/95/EC;

"Low voltage Directive" (Power Supply)

Directive 2002/96/EC

Waste electrical and electronic equipment; WEEE

(As applicable)

Standards:

Emission:

EN 61000-6-3; Electro magnetic Compatibility

Generic standards - Emission

Immunity:

EN 61000-6-2; Electro magnetic Compatibility;

Generic standards - Immunity

Safety (Power Supply):

EN 60950

(or other)

Safety of information technology

equipment

System(s):

FLIR GF3xx

FLIR Systems AB Quality Assurance

Olof Gawell Director