IR lens LR 25° (7–8.5 µm) with case

P/N: T300115

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.: T300115
Commit: 70569
Language:
Modified: 2020-09-28
Formatted: 2020-09-28

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	
Detects the following gases:	Methane, Nitrous oxide, Propane, Sulfur dioxide, R-134a, R152a

Imaging and optical data	
Thermal sensitivity (NETD)	< 25 mK at +30°C (+86°F)
Gas sensitivity (NECL)	• CH_4: < 100 ppm x m • N_2O: < 75 ppm x m • C_3H_8: < 400 ppm x m • SO_2: < 30 ppm x m • R-134a: < 20 ppm x m • R-152a: < 100 ppm x m (ΔT = 10°C, Distance = 1 m)
Field of view (FOV)	25° x 19°
Minimum focus distance	0.3 m (0.98 ft)
Minimum focus distance with MSX	0.65 m (2.1 ft)
Focal length	18 mm (0.71 in)
Spatial resolution (IFOV)	1.4 mrad/pixel
Lens identification	Automatic
f-number	1.04

Physical data	
Weight	0.140 kg (0.31 lb)
Size (L × D)	45.4 × 72 mm (1.79 × 2.83 in)

Shipping information	
Packaging, type	Cardboard box
List of contents	• Lens • Lens case
Packaging, weight	0.41 kg (0.90 lb)
Packaging, size	151 × 125 × 125 mm (5.9 × 4.9 × 4.9 in)
EAN-13	7332558027400

IR lens LR 25° (7–8.5 µm) with case

P/N: T300115

© 2020, FLIR Systems, Inc.

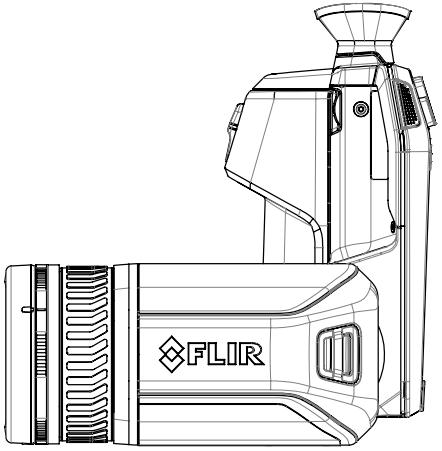
#T300115; r. 70569;

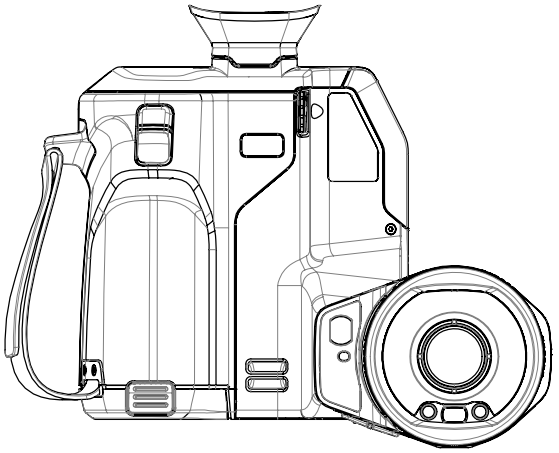
Shipping information	
UPC-12	845188023478
Country of origin	Sweden

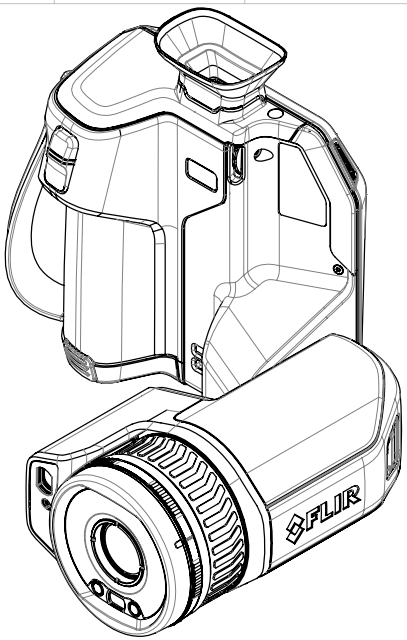
Compatible with the following products:

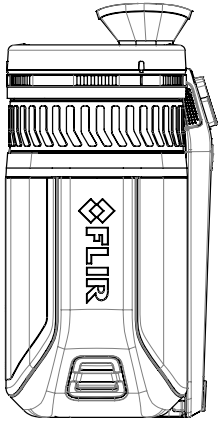
- 85201-0102; FLIR GF77 LR 25°
- 85202-0102; FLIR GF77 HR 25°
- 85203-0102; FLIR GF77 LR 25° + HR 25°
- 85204-0102; FLIR GF77 LR 25° + LR 6°
- 85205-0102; FLIR GF77 HR 25° + HR 6°
- 85206-0102; FLIR GF77 LR 25° + HR 25° + HR 6°
- 85207-0102; FLIR GF77 LR 25° + HR 25° + LR 6°
- 85208-0102; FLIR GF77 LR 25° + HR 25° + LR 6° + HR 6°

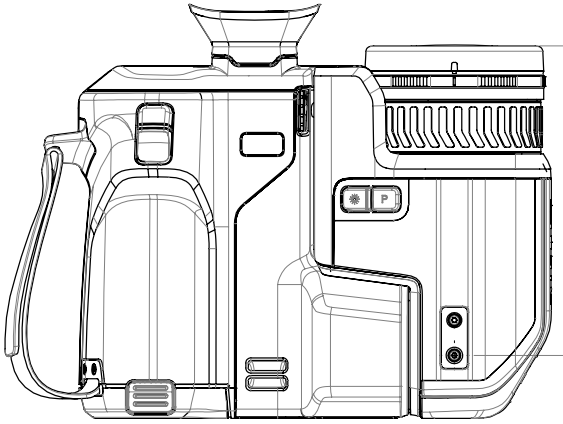
Camera with Lens IR f=18mm (25°)

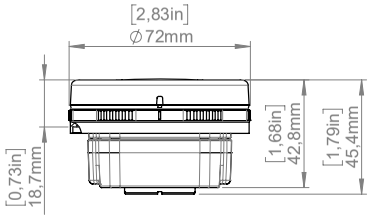












For additional dimensions see page 1

Modified	Check	Drawn by	
2019-09-30	-	R&D Instruments	FLIR

Denomination

Basic dimensions FLIR GF7x

Size	Sheet
A3	2(4)
Scale 1:5	
Drawing No. T130694	Rev B

© 2016, FLIR Systems, Inc. All rights reserved worldwide. No part of this drawing may be reproduced, stored in a retrieval system, or transmitted in any form, or by any means, electronic, mechanical, photocopying, recording, or otherwise, without written permission from FLIR Systems, Inc. Specifications subject to change without further notice. Dimensional data is based on nominal values. Products may be subject to regional market considerations. License procedures may apply. Product may be subject to US Export Regulations. Please refer to exportquestions@flir.com with any questions. Diversion contrary to US law is prohibited.