

## P/N: 4218540

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### 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](mailto:exportquestions@flir.com) with any questions.



Specifications	
Spectral band	1 - 5.5 microns
Focal length	100 mm
f /number	2.5
Average Transmission	82.73%
Distortion	< 1%
Object distance	3 m to Infinity
Hyperfocal distance	185 / 250 m (at 4.2 / 3 μm)
Operating temperature	-20 to +50°C
Length (outside of camera)	75.90 mm - 81.67 mm (2.99 in - 3.22 in)
Diameter	108.3 mm (4.26 in)
Weight	1.07 kg (2.35 lbs)
mm Horizontal field of view (A66/67XXsc/SC67XX)	5.5
mm Vertical field of view (A66/67XXsc/SC67XX)	4.4
mm Diagonal field of view (A66/67XXsc/SC67XX)	7.0
mm Horizontal field of view (X68XXsc/X69XXsc)	9.1
mm Vertical field of view (X68XXsc/X69XXsc)	7.3
mm Diagonal field of view (X68XXsc/X69XXsc)	11.7
mm Horizontal field of view (X85XXsc)	8.8
mm Vertical field of view (X85XXsc)	7.0
mm Diagonal field of view (X85XXsc)	11.2
Interface	4-Tab FPO Manual Focus Bayonet

### Compatible with the following products:

- 29440-200; FLIR A6700 (f/2.5, 1-5μm, 60Hz)
- 29440-202; FLIR A6702 (f/4.0, 1-5μm, 60Hz)
- 29440-250; FLIR A6750 (f/2.5, 1-5μm, 125Hz)
- 29440-252; FLIR A6752 (f/4.0, 1-5μm, 125Hz)
- 29440-280; FLIR A6780 (f/2.5, 1-5μm, 125Hz)
- 29440-282; FLIR A6782 (f/4.0, 1-5μm, 125Hz)
- 29443-200; FLIR A8580 (f/2.5, 1.5-5.0 μm)
- 29443-202; FLIR A8582 (f/4.0, 1.5-5.0 μm)
- 29420-200; FLIR X6800sc



## Lens 1-5 um 100 mm f/2.5 FPO Manual Bayonet

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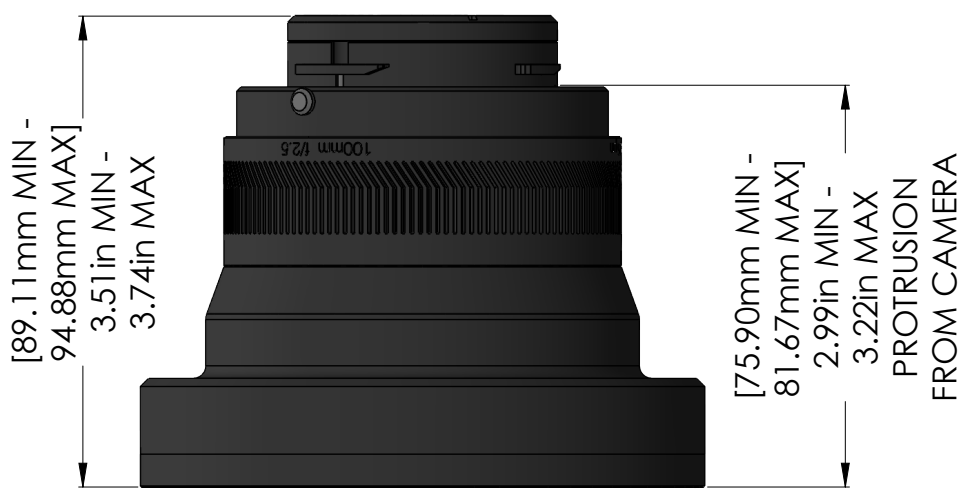
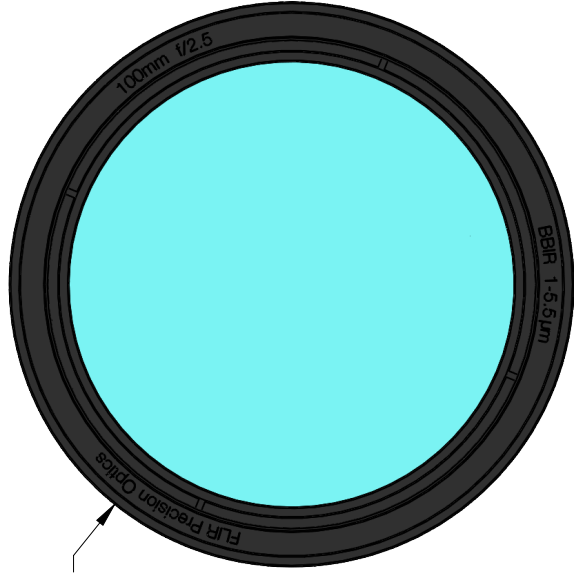
#4218540; r. 86680;

- 29420-202; FLIR X6802sc
- 29267-280; FLIR X6980 InSb MWIR (f/2.5, 1.5–5.0  $\mu\text{m}$ )
- 29267-282; FLIR X6982 InSb MWIR (f/4.1, 1.5–5.0  $\mu\text{m}$ )
- 29422-280; FLIR X8580 InSb MWIR (f/2.5, 1.5–5.0  $\mu\text{m}$ )
- 29422-282; FLIR X8582 InSb MWIR (f/4.1, 1.5–5.0  $\mu\text{m}$ )

# 100mm BBIR

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[108.3mm]  
Ø 4.26in



WEIGHT - [1065.9 g]  
37.6 oz

