

P/N: T300095

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Website

<http://www.flir.com>

Customer support

<http://support.flir.com>

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General description

The 6° lens is a popular accessory that provides outstanding magnification of details at long distances. It is ideal for small or distant targets such as overhead power lines.

Imaging and optical data

Field of view (FOV)	6° × 4.5° (7.5° diagonally)
Minimum focus distance	5.0 m (16.4 ft.)
Focal length	70 mm (2.8 in.)
Spatial resolution (IFOV)	0.24 mrad
Lens identification	Yes, service calibration required
F-number	1.35
Number of lenses	4 (4 asph)
Distortion	< 4.2%

Physical data

Weight	0.42 kg (0.93 lb.)
Size (L × D)	108 × 75 mm (4.3 × 3.0 in.)
Front lens diameter	63 mm (2.5 in.)

Shipping information

Packaging, type	Cardboard box
List of contents	<ul style="list-style-type: none"> • Lens • Lens case • Front lens cap • Rear lens cap • Lens mounting instructions



IR lens, f=70 mm (6°) with case

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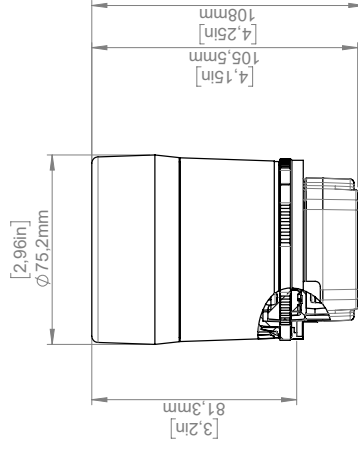
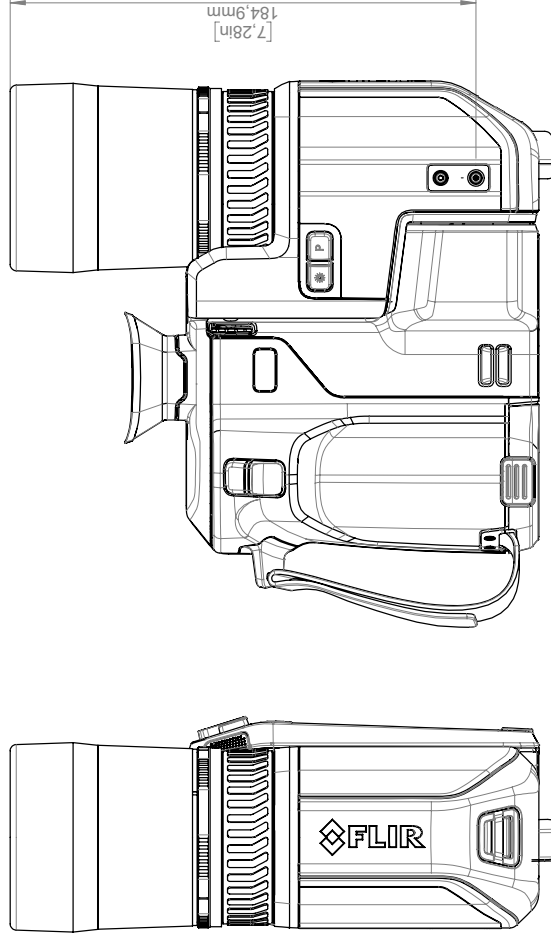
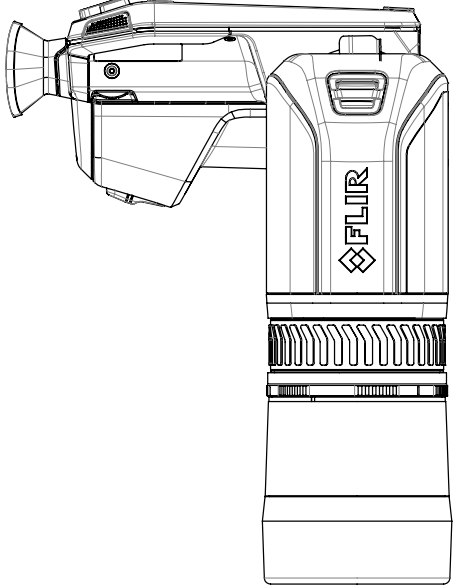
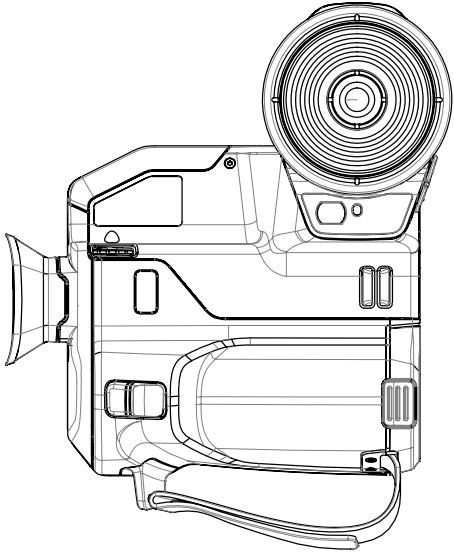
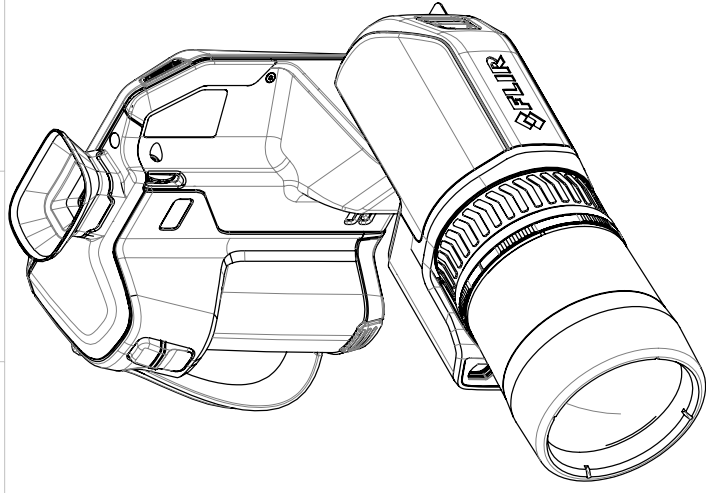
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Shipping information	
Packaging, weight	1.1 kg (2.4 lb.)
Packaging, size	620 × 180 × 160 mm (24 × 7.1 × 6.3 in.)
EAN-13	7332558023037
UPC-12	845188018702
Country of origin	Sweden

Compatible with the following products:

- 82501-0201; FLIR T840 14°
- 82502-0201; FLIR T840 24°
- 82504-0201; FLIR T840 24° + 14°
- 82506-0201; FLIR T840 24° + 14° & 42°
- 82505-0201; FLIR T840 24° + 42°
- 82503-0201; FLIR T840 42°
- 82507-0201; FLIR T840 42° + 14°
- 89201-0101; FLIR T860 14°
- 89202-0101; FLIR T860 24°
- 89204-0101; FLIR T860 24° + 14°
- 89206-0101; FLIR T860 24° + 14° & 42°
- 89205-0101; FLIR T860 24° + 42°
- 89203-0101; FLIR T860 42°
- 89207-0101; FLIR T860 42° + 14°
- 79301-0101; FLIR T530 14°
- 79302-0101; FLIR T530 24°
- 79304-0101; FLIR T530 24° + 14°
- 79306-0101; FLIR T530 24° + 14° & 42°
- 79305-0101; FLIR T530 24° + 42°
- 79303-0101; FLIR T530 42°
- 79307-0101; FLIR T530 42° + 14°
- 79301-0201; FLIR T540 14°
- 79302-0201; FLIR T540 24°
- 79304-0201; FLIR T540 24° + 14°
- 79306-0201; FLIR T540 24° + 14° & 42°
- 79305-0201; FLIR T540 24° + 42°
- 79303-0201; FLIR T540 42°
- 79307-0201; FLIR T540 42° + 14°
- 86000-0000; FLIR A400 Thermal Core
- 85900-0000; FLIR A700 Thermal Core

Camera with Lens IR f=70mm (6°)



For additional dimensions see page 1

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Modified	2019-10-01	FRGU	FRGU	Drawn by	R&D Instruments	Size	A3	Sheet	3(4)
Check				Drawn by		Scale	1:5	Drawing No.	T129914
Denomination				Basic dimensions FLIR T8xx		Rev		B	

