

IR lens, f=142 mm (7°) with case and mounting support

P/N:

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Website

<http://www.flir.com>

Customer support

<http://support.flir.com>

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General description	
The 7° lens is a popular accessory and provides 3.6x magnification compared to the standard lens. Ideal for small or distant targets such as overhead power lines.	
Imaging and optical data	
Field of view (FOV)	7° × 5.3° (8.7° diagonally)
Minimum focus distance	3.0 m (9.8 ft.)
Focal length	142 mm (5.59 in.)
Spatial resolution (IFOV)	0.12 mrad
Lens identification	Automatic
F-number	1.2
Number of lenses	5 (4 asph)
Distortion	< 2%
Physical data	
Weight	1.97 kg (4.34 lb.)
Weight, lens	1.67 kg (3.68 lb.)
Size (L × D)	181 × 140 mm (7.13 × 5.51 in.), excluding support
Front lens diameter	122 mm (4.80 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 • Mounting support • Lens mounting instructions
Packaging, weight	2.94 kg (6.48 lb.)
Packaging, size	350 × 250 × 250 mm (13.8 × 9.84 × 9.84 in.)
EAN-13	7332558015742
UPC-12	845188017729
Country of origin	Sweden

Compatible with the following products:

- 72502-0501; FLIR T1010 12°
- 72502-0502; FLIR T1010 28°



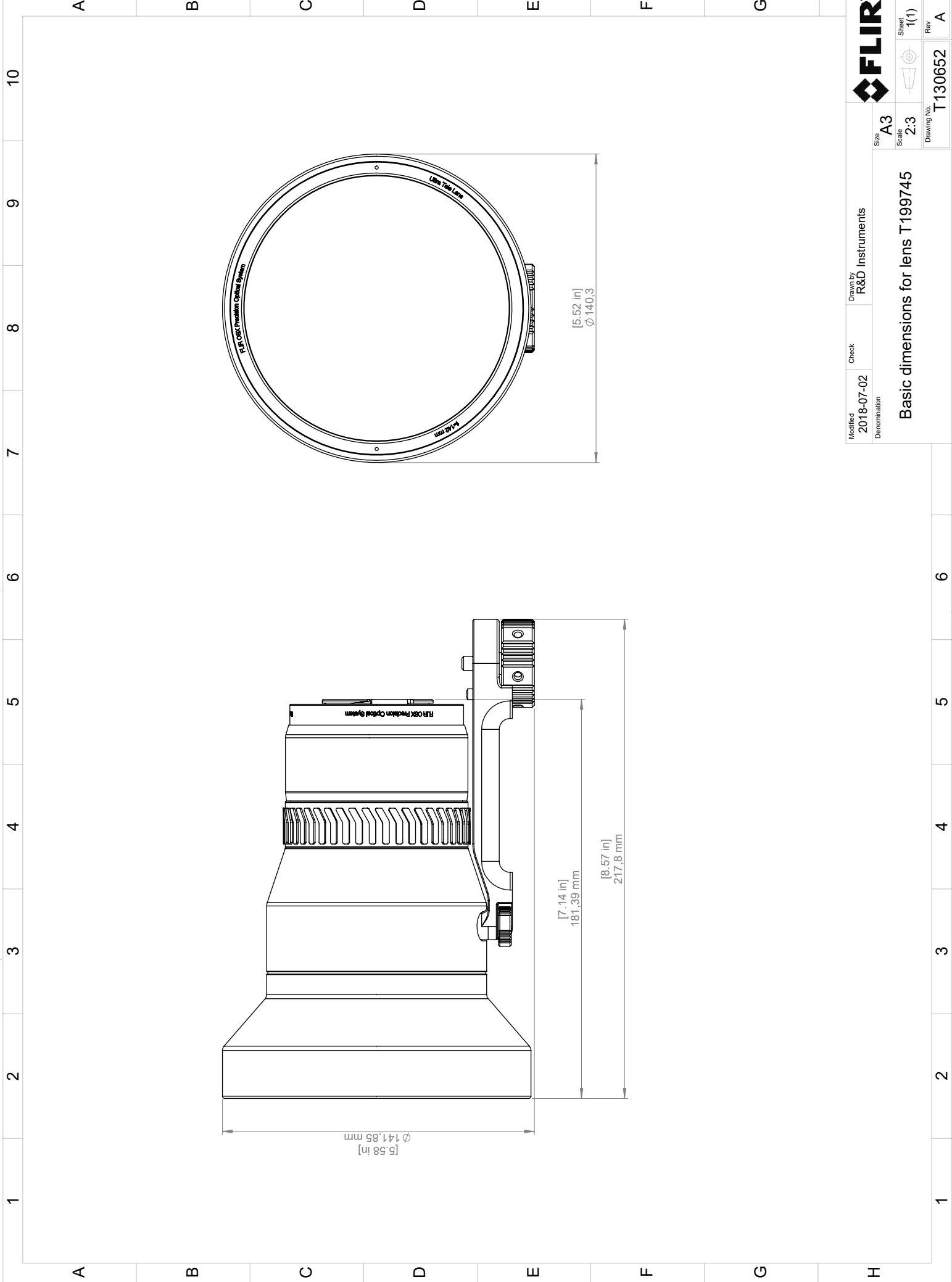
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- 72502-0503; FLIR T1010 45°
- 72501-0101; FLIR T1020 12°
- 72501-0102; FLIR T1020 28°
- 72501-0104; FLIR T1020 28° and 12°
- 72501-0105; FLIR T1020 28° and 45°
- 72501-0106; FLIR T1020 28°, 12°, and 45°
- 72501-0103; FLIR T1020 45°
- 72501-0201; FLIR 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°



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2018-07-02		R&D Instruments	
Denomination			
Basic dimensions for lens T199745			Sheet
Size	A3	Scale	1(1)
Scale	2:3	Drawing No.	T130652
		Rev	A