IR lens, f=83.4 mm (12°) with case

P/N: T199077

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http://www.flir.com

Customer support

http://support.flir.com

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General description
The 12° lens provides approximately two times magnification compared to the standard 28° lens. This lens is ideal for small or distant targets, such as overhead power lines.

Imaging and optical data	
Field of view (FOV)	12° × 9° (15.2° diagonal)
Minimum focus distance	1.3 m (4.26 ft.)
Focal length	83.4 mm (3.28 in.)
Spatial resolution (IFOV)	0.20 mrad
Lens identification	Automatic
F-number	1.2
Number of lenses	5 (5 asph)
Distortion	2.2%

Physical data	
Weight	1.06 kg (2.34 lb.)
Size (L × D)	134.1 × 100.5 mm (5.28 × 3.96 in.)
Front lens diameter	75 mm (3.0 in.)

Shipping information	
Packaging, type	Cardboard box
List of contents	• Lens • Lens case • Front lens cap • Rear lens cap • Mounting instruction
Packaging, weight	1.4 kg (3.1 lb.)
Packaging, size	212 × 150 × 150 mm (8.35 × 5.91 × 5.91 in.)

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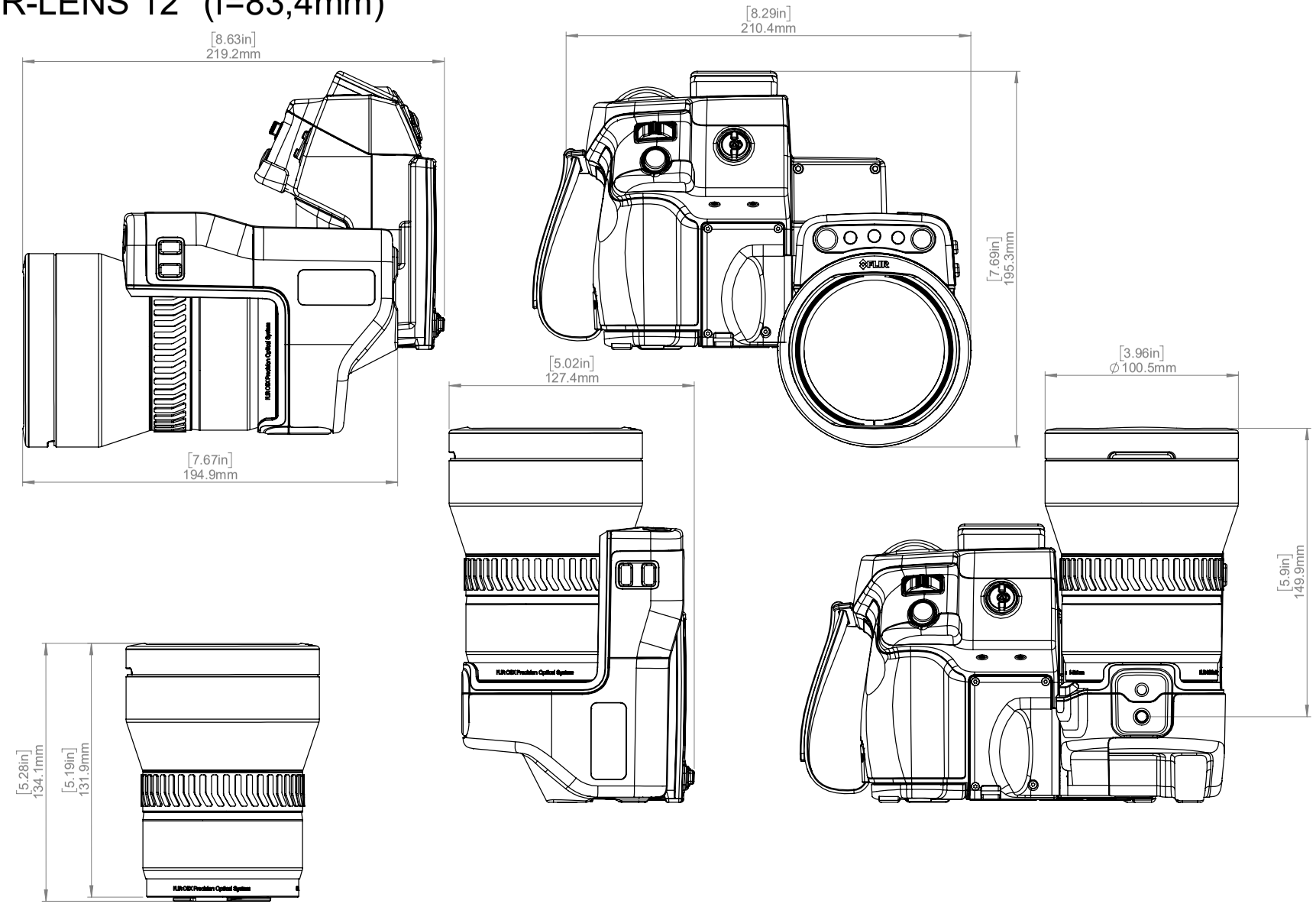
#T199077; r. 64409; en-US

Shipping information	
EAN-13	7332558011010
UPC-12	845188011864
Country of origin	Sweden

Compatible with the following products

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

IR-LENS 12° (f=83,4mm)



Modified	Check	Drawn by
2018-10-15	JOHE	R&D Thermography

Denomination

Basic dimensions FLIR T10xx

Size	Scale	Sheet
A3	1:2	3(8)

Drawing No.	Size
T128849	F

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