

## P/N: T300587

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### Website

<http://www.flir.com>

### Customer support

<http://support.flir.com>

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Imaging and optical data	
Field of view (FOV)	<ul style="list-style-type: none"> <li>• 24° × 18°</li> <li>• 14° × 10°</li> </ul>
Minimum focus distance	<ul style="list-style-type: none"> <li>• 0.18 m (0.59 ft), 24°</li> <li>• 1.0 m (3.28 ft), 14°</li> </ul>
Minimum focus distance with MSX	<ul style="list-style-type: none"> <li>• 0.5 m (1.64 ft), 24°</li> <li>• 1.0 m (3.28 ft), 14°</li> </ul>
Focal length	<ul style="list-style-type: none"> <li>• 17 mm (0.67 in), 24°</li> <li>• 29 mm (1.41 in), 14°</li> </ul>
Spatial resolution (IFOV)	Dependent on the IR resolution of the camera. f = 17 mm (24°): <ul style="list-style-type: none"> <li>• 320 × 240 pixels: 1.33 mrad/pixel</li> <li>• 464 × 348 pixels: 0.92 mrad/pixel</li> <li>• 640 × 480 pixels: 0.67 mrad/pixel</li> </ul> f = 29 mm (14°): <ul style="list-style-type: none"> <li>• 320 × 240 pixels: 0.75 mrad/pixel</li> <li>• 464 × 348 pixels: 0.52 mrad/pixel</li> <li>• 640 × 480 pixels: 0.38 mrad/pixel</li> </ul>
Lens identification	Yes, service calibration required
F-number	<ul style="list-style-type: none"> <li>• 1.3, 24°</li> <li>• 1.3, 14°</li> </ul>

Physical data	
Weight	0.18 kg (0.40 lb)
Size (L × W × H)	51 × 72 × 72 mm (2 × 2.8 × 2.8 in)

Shipping information	
Packaging, type	Cardboard box
List of contents	<ul style="list-style-type: none"> <li>• Lens</li> <li>• Front lens cap</li> <li>• Rear lens cap</li> <li>• Lens case</li> </ul>
Packaging, weight	0.410 kg (0.90 lb)
Packaging, size	151 × 125 × 125 mm (5.9 × 4.9 × 4.9 in)
EAN-13	7332558029725
UPC-12	845188026790
Country of origin	Sweden



## IR lens Dual FOV, f=17/29 mm (24°/14°) with case

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### Compatible with the following products:

- 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°
- 79308-0101; FLIR T530 Dual FOV 14° + 24°
- 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°
- 79308-0201; FLIR T540 Dual FOV 14° + 24°
- 89001-0101; FLIR T560 14°
- 89002-0101; FLIR T560 24°
- 89004-0101; FLIR T560 24° + 14°
- 89006-0101; FLIR T560 24° + 14° & 42°
- 89005-0101; FLIR T560 24° + 42°
- 89003-0101; FLIR T560 42°
- 89007-0101; FLIR T560 42° + 14°
- 89009-0101; FLIR T560 Dual FOV 14° + 24°
- 79309-0101; FLIR T530 80°
- 79309-0201; FLIR T540 80°
- 89010-0101; FLIR T560 80°
- 82501-0201; FLIR T840 14°
- 82502-0201; FLIR T840 24°
- 82504-0201; FLIR T840 24° + 14°
- 82506-0201; FLIR T840 24° + 14° & 42°
- 82509-0201; FLIR T840 24° + 14° & 6°
- 82505-0201; FLIR T840 24° + 42°
- 82508-0201; FLIR T840 24° + 6°
- 82503-0201; FLIR T840 42°
- 82507-0201; FLIR T840 42° + 14°
- 82510-0201; FLIR T840 Dual FOV 14° + 24°
- 89201-0101; FLIR T860 14°
- 89202-0101; FLIR T860 24°
- 89204-0101; FLIR T860 24° + 14°
- 89206-0101; FLIR T860 24° + 14° & 42°
- 89211-0101; FLIR T860 24° + 14° & 6°
- 89205-0101; FLIR T860 24° + 42°
- 89210-0101; FLIR T860 24° + 6°
- 89203-0101; FLIR T860 42°
- 89207-0101; FLIR T860 42° + 14°
- 89212-0101; FLIR T860 Dual FOV 14° + 24°
- 89201-0201; FLIR T865 14°
- 89202-0201; FLIR T865 24°
- 89204-0201; FLIR T865 24° + 14°
- 89206-0201; FLIR T865 24° + 14° & 42°
- 89213-0201; FLIR T865 24° + 14° & 6°
- 89205-0201; FLIR T865 24° + 42°
- 89212-0201; FLIR T865 24° + 6°
- 89203-0201; FLIR T865 42°
- 89207-0201; FLIR T865 42° + 14°
- 89214-0201; FLIR T865 Dual FOV 14° + 24°



## IR lens Dual FOV, f=17/29 mm (24°/14°) with case

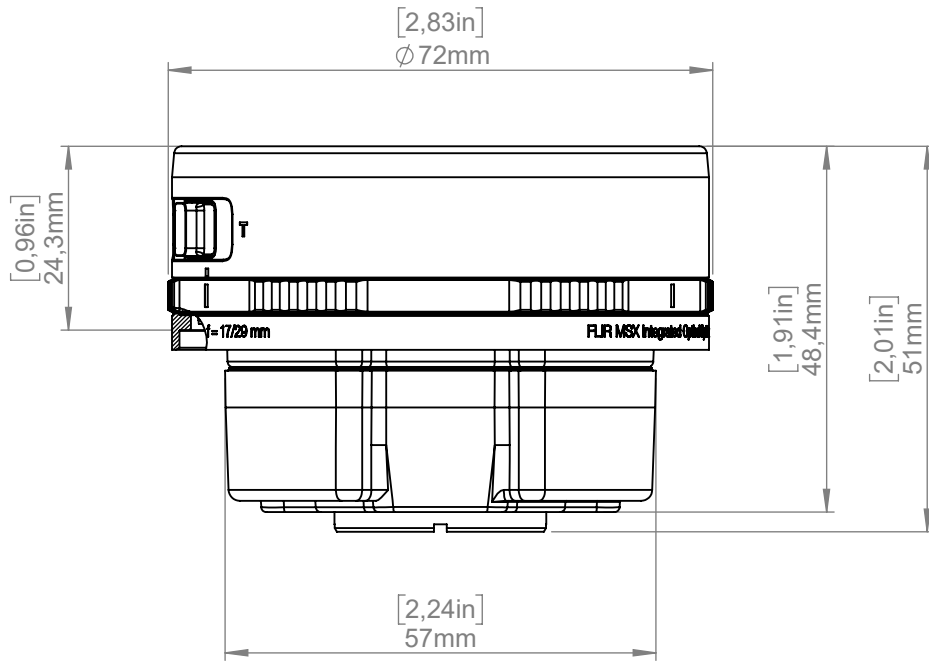
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- 82511-0201; FLIR T840 80°
- 89215-0201; FLIR T865 80°
- 78511-1101; FLIR E76 14°
- 78512-1101; FLIR E76 24°
- 78514-1101; FLIR E76 24° + 14°
- 78516-1101; FLIR E76 24° + 14° & 42°
- 78515-1101; FLIR E76 24° + 42°
- 78513-1101; FLIR E76 42°
- 78517-1101; FLIR E76 42° + 14°
- 78518-1101; FLIR E76 Dual FOV 14° + 24°
- 78511-1301; FLIR E86 14°
- 78512-1301; FLIR E86 24°
- 78514-1301; FLIR E86 24° + 14°
- 78516-1301; FLIR E86 24° + 14° & 42°
- 78515-1301; FLIR E86 24° + 42°
- 78513-1301; FLIR E86 42°
- 78517-1301; FLIR E86 42° + 14°
- 78518-1301; FLIR E86 Dual FOV 14° + 24°
- 90201-0101; FLIR E96 14°
- 90202-0101; FLIR E96 24°
- 90204-0101; FLIR E96 24° + 14°
- 90206-0101; FLIR E96 24° + 14° & 42°
- 90205-0101; FLIR E96 24° + 42°
- 90203-0101; FLIR E96 42°
- 90207-0101; FLIR E96 42° + 14°
- 90208-0101; FLIR E96 Dual FOV 14° + 24°
- 78519-1101; FLIR E76 80°
- 78519-1301; FLIR E86 80°
- 90209-0101; FLIR E96 80°

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Modified 2022-06-29	Check AKZE	Drawn by R&D Instruments	
Denomination		Size A4	
Basic dimensions for lens T300530			Scale 1:1
			
Drawing No. T131822		Sheet 1(1)	Rev A