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

## P/N: T300587

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**Website**

http://www.flir.com

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| Imaging and optical data | |
|---|---|
| Field of view (FOV) | • 24° × 18°<br>• 14° × 10° |
| Minimum focus distance | • 0.18 m (0.59 ft), 24°<br>• 1.0 m (3.28 ft), 14° |
| Minimum focus distance with MSX | • 0.5 m (1.64 ft), 24°<br>• 1.0 m (3.28 ft), 14° |
| Focal length | • 17 mm (0.67 in), 24°<br>• 29 mm (1.41 in), 14° |
| Spatial resolution (IFOV) | Dependent on the IR resolution of the camera.<br>f = 17 mm (24°):<br>• 320 × 240 pixels: 1.33 mrad/pixel<br>• 464 × 348 pixels: 0.92 mrad/pixel<br>• 640 × 480 pixels: 0.67 mrad/pixel<br>f = 29 mm (14°):<br>• 320 × 240 pixels: 0.75 mrad/pixel<br>• 464 × 348 pixels: 0.52 mrad/pixel<br>• 640 × 480 pixels: 0.38 mrad/pixel |
| Lens identification | Yes, service calibration required |
| F-number | • 1.3 , 24°<br>• 1.3, 14° |

| 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 | • Lens<br>• Front lens cap<br>• Rear lens cap<br>• Lens case |
| Packaging, weight | 0.410 kg (0.90 lb) |

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| Shipping information | |
|---|---|
| Packaging, size | 151 × 125 × 125 mm (5.9 × 4.9 × 4.9 in) |
| EAN-13 | 7332558029725 |
| UPC-12 | 845188026790 |
| Country of origin | Sweden |

**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°

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- 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°
- 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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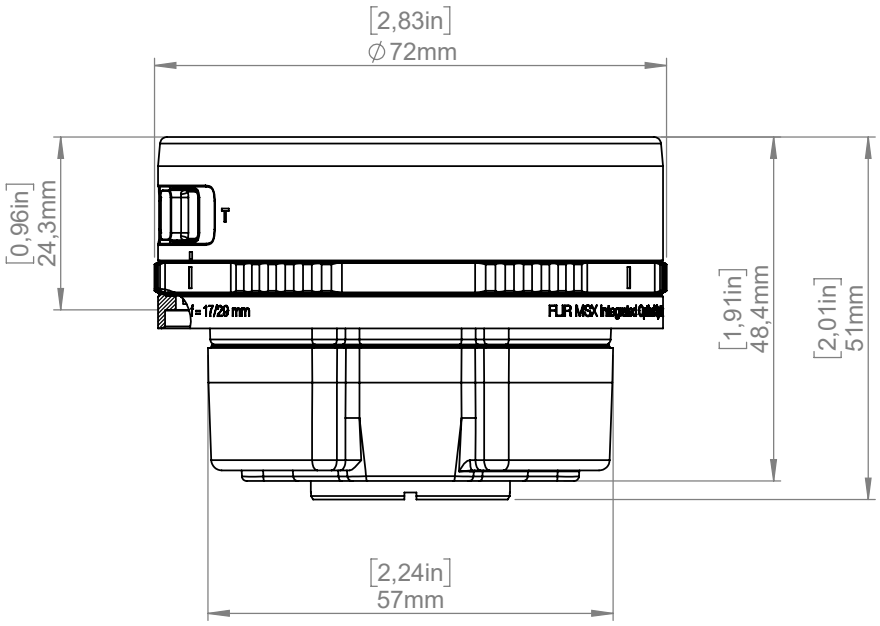


| Modified | Check | Drawn by | |
|---|---|---|---|
| 2022-06-29 | AKZE | R&D Instruments | |

Denomination

Basic dimensions for lens T300530

| Size | Sheet |
|---|---|
| A4 | 1(1) |
| Scale 1:1 | |
| Drawing No. T131822 | Rev A |