

P/N: T300805

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Website

<http://www.flir.com>

Customer support

<http://support.flir.com>

Disclaimer

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General description	
NOTE:	
<ul style="list-style-type: none"> When the 80° lens is mounted on the camera, it blocks and disables the visual camera and the LED torch on the front of the camera. 	
Imaging and optical data	
Field of view (FOV)	80° × 63°
Minimum focus distance	0.1 m (0.33 ft.)
Focal length	5 mm (0.19 in.)
Spatial resolution (IFOV)	Dependent on the IR resolution of the camera: <ul style="list-style-type: none"> 320 × 240 pixels: 5.2 mrad/pixel 464 × 348 pixels: 3.6 mrad/pixel 640 × 480 pixels: 2.6 mrad/pixel
Lens identification	Yes, service calibration required
F-number	1.3
Physical data	
Weight	0.43 kg (0.95 lb.)
Size (L × D)	85 × 71 mm (3.3 × 2.8 in.)
Shipping information	
Packaging, type	Cardboard box
List of contents	<ul style="list-style-type: none"> Lens Lens case Front lens cap
Packaging, weight	0.80 kg (1.8 lb.)
Packaging, size	300 × 100 × 200 mm (11.8 × 3.94 × 7.87 in.)
EAN-13	7332558032992
UPC-12	845188030131
Country of origin	Sweden

Compatible with the following products:

- 85900-0000; FLIR A700 Thermal Core



IR lens, f=5 mm (80°) with case

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- 90600-0000; FLIR A500 Thermal Core
- 91900-0000; FLIR A400 Thermal Core
- 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, f=5 mm (80°) with case

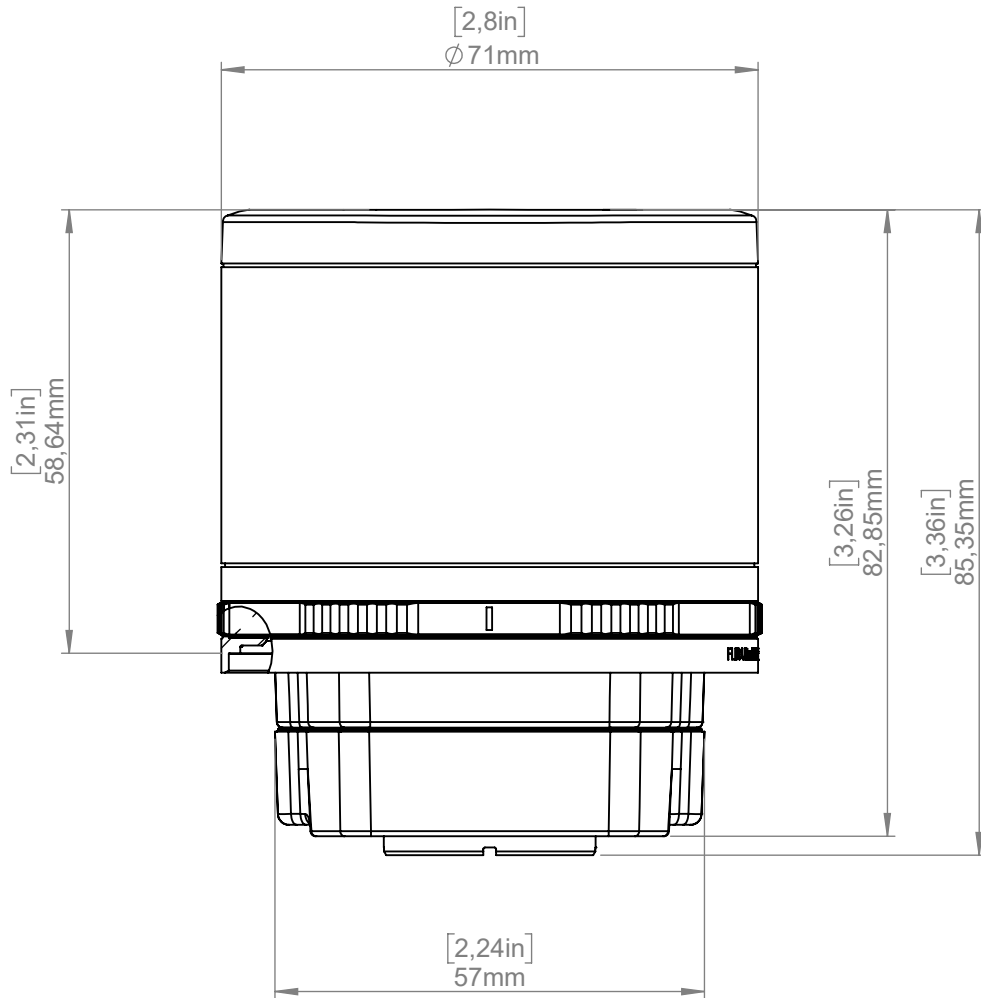
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- 82511-0201; FLIR T840 80°
- 89215-0201; FLIR T865 80°
- 78511-1101; FLIR E76 14°
- 78512-1101; FLIR E76 24°
- 78514-1101; FLIR E76 24° + 14°
- 78516-1101; FLIR E76 24° + 14° & 42°
- 78515-1101; FLIR E76 24° + 42°
- 78513-1101; FLIR E76 42°
- 78517-1101; 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°

IR LENS 5mm (80°)



Modified by A. Agardson	Approved by AKZE	Modified 2023-08-28	
This document does not contain any export-controlled information.			
Denomination Basic dimensions for lenses		Scale 1:1	Sheet 4(4)
		Drawing No T130322	Rev D