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## P/N: 1196961

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### General description

The 15° lens is a popular lens accessory and provides 1.7x 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)	15° × 11.25°
Minimum focus distance	1.2 m (3.93 ft.)
Focal length	30.38 mm (1.2 in.)
Spatial resolution (IFOV)	Depends on the IR resolution of the camera: 1.65 mrad for 160 × 120 pixels 1.32 mrad for 200 × 150 pixels 1.10 mrad for 240 × 180 pixels 0.82 mrad for 320 × 240 pixels
F-number	1.3

### Physical data

Weight	0.092 kg (0.203 lb.), incl. two lens caps
Size (L × D)	24 × 58 mm (1.0 × 2.3 in.)

### Shipping information

<ul style="list-style-type: none"> <li>• Lens</li> <li>• Lens case</li> </ul>	
Packaging, weight	0.35 kg
Packaging, size	175 × 170 × 100 mm
EAN-13	4743254000889
UPC-12	845188000127

### Compatible with the following products

- 62103-1101; FLIR T420 (incl. Wi-Fi)
- 62103-1202; FLIR T420
- 62103-1501; FLIR T420bx (incl. Wi-Fi)
- 62103-1602; FLIR T420bx
- 62103-1301; FLIR T440 (incl. Wi-Fi)
- 62103-1402; FLIR T440

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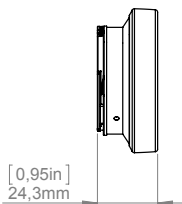
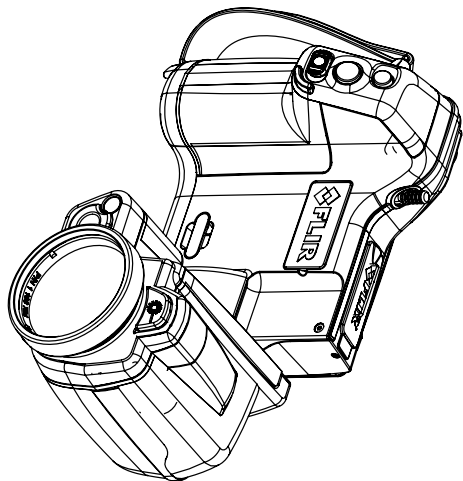
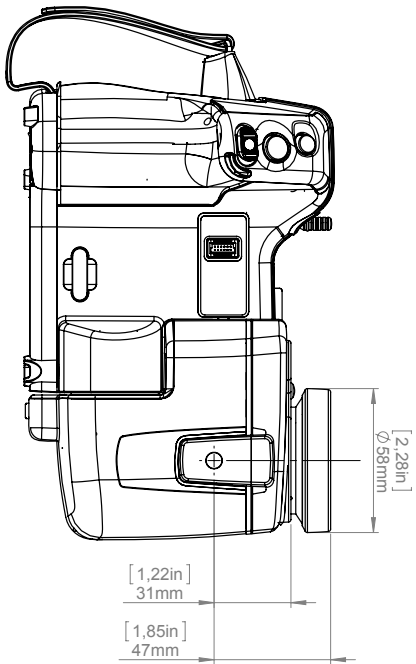
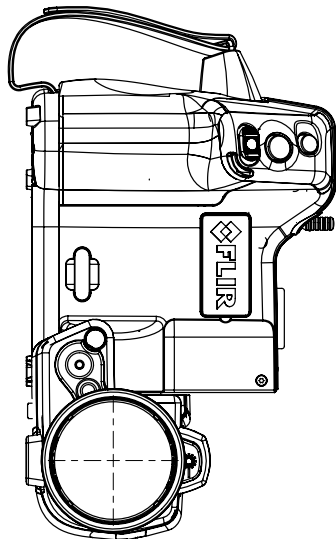
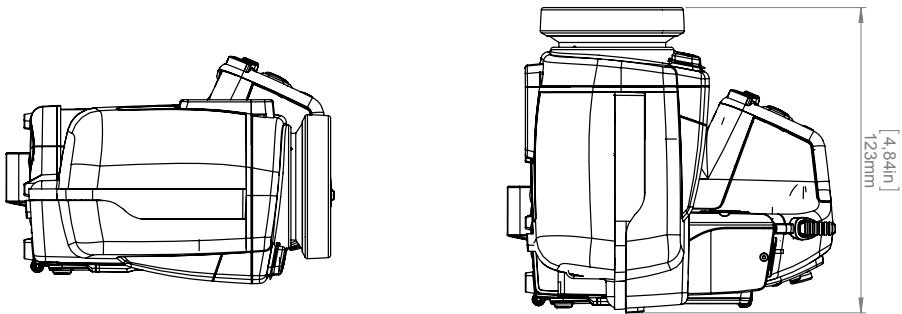
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#1196961; r. -/15419; en-US

- 62103-1701; FLIR T440bx (incl. Wi-Fi)
- 62103-1802; FLIR T440bx
- 62104-1903; FLIR T450sc (incl. Wi-Fi)
- 62104-2004; FLIR T450sc
- 48201-1001; FLIR A300
- 42701-1001; FLIR A300 (9 Hz)
- 48201-1101; FLIR A310
- 42701-1101; FLIR A310 (9 Hz)
- 48001-1101; FLIR A315
- 42901-1101; FLIR A315 (9 Hz)
- 48201-1201; FLIR A320 Tempscreen
- 42701-1201; FLIR A320 Tempscreen (9 Hz)
- 42901-1001; FLIR A305sc
- 48001-1001; FLIR A325sc
- 64501-0101; FLIR E40 (incl. Wi-Fi)
- 64501-0201; FLIR E50 (incl. Wi-Fi)
- 64501-0702; FLIR E60bx (incl. Wi-Fi)
- 64501-0302; FLIR E60 (incl. Wi-Fi)
- 64501-0402; FLIR E63 (incl. Wi-Fi)
- 64502-0801; FLIR E33
- 64502-1001; FLIR E40
- 64502-1101; FLIR E50
- 64502-1202; FLIR E60

Camera with Lens IR f=30 mm (15°)

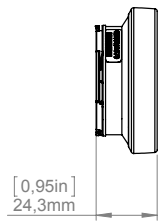
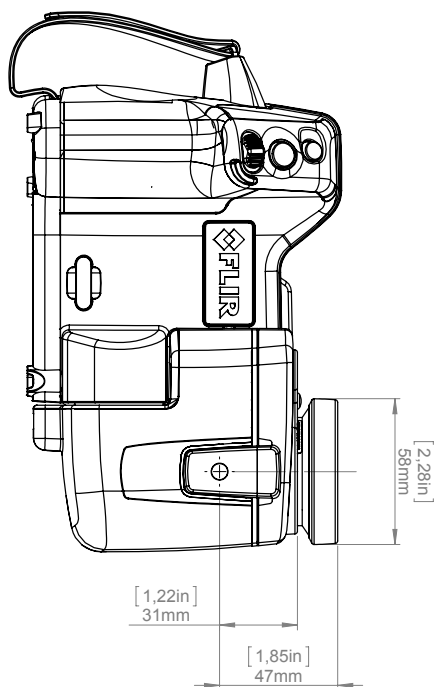
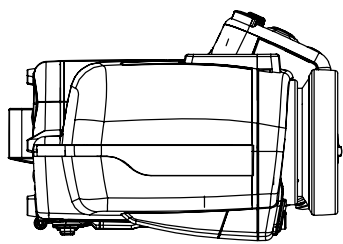
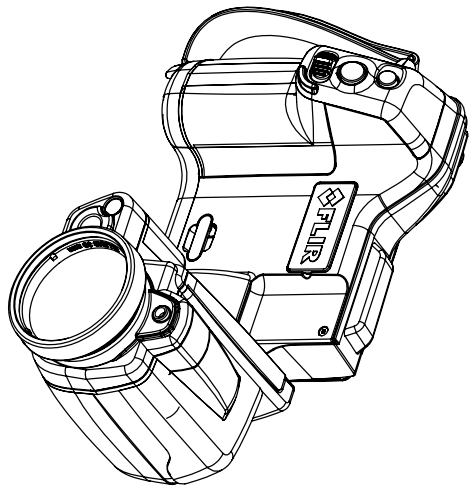
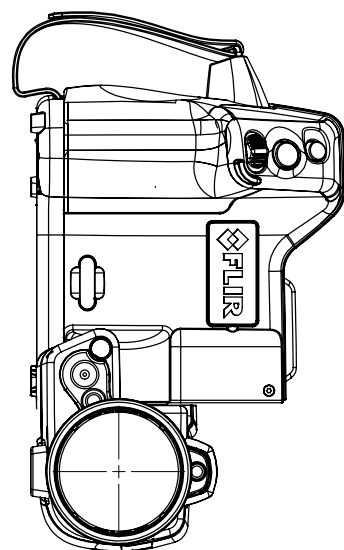
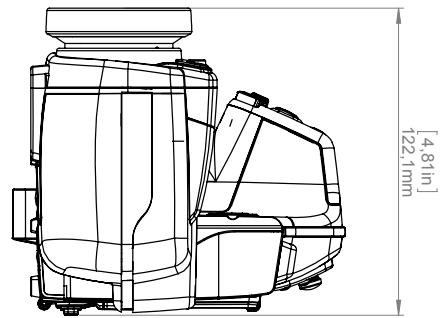


For additional dimensions see page 1

Modified 2012-04-18	Check CAHA	Drawn by R&D Thermography
Basic dimensions FLIR Txxx/Bxxx		
Size A3	Scale 1:2	Sheet 4(7)
Drawing No. T197905	Size B	



# Camera with Lens IR f=30 mm (15°)



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Modified 2012-06-07	Check JOTA	Drawn by R&D Thermography
Denomination <b>Basic Dimensions FLIR T4xx</b>		
Size <b>A3</b>	Scale 1:2	Sheet 4(7)
Drawing No. <b>T127604</b>	Size <b>A</b>	





Technical drawing of the front view of the M4 (6x) UNC 1/4-20 (3x) nut. The drawing shows the nut with its hexagonal base and threaded section. Dimensions are provided in inches and millimeters.

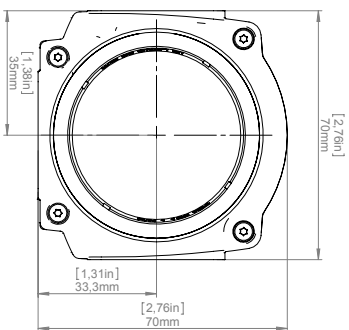
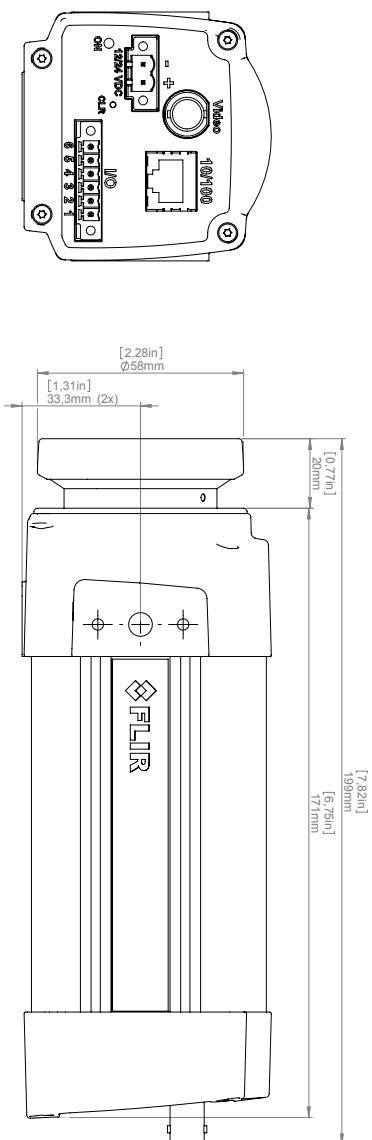
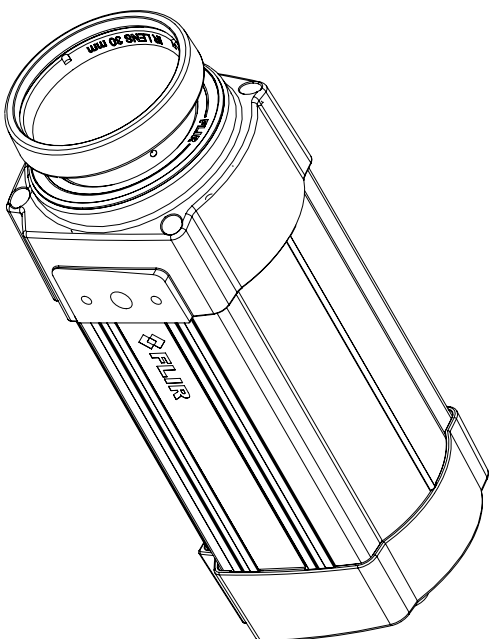
Dimensions:

- Top hexagonal base width: 0.941 in (24mm)
- Top hexagonal base height: 1.381 in (35mm)
- Threaded section height: 0.471 in (12mm)

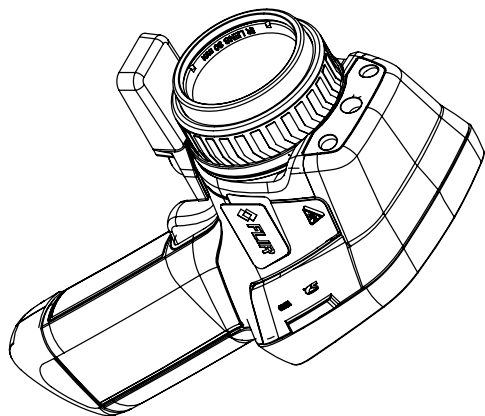
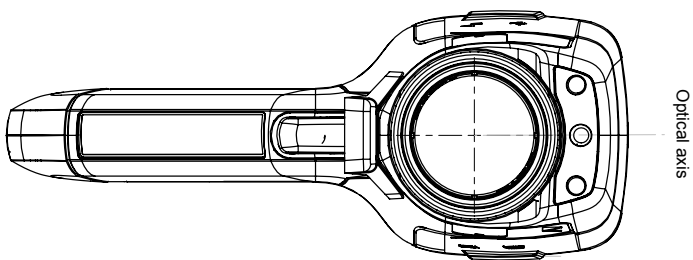
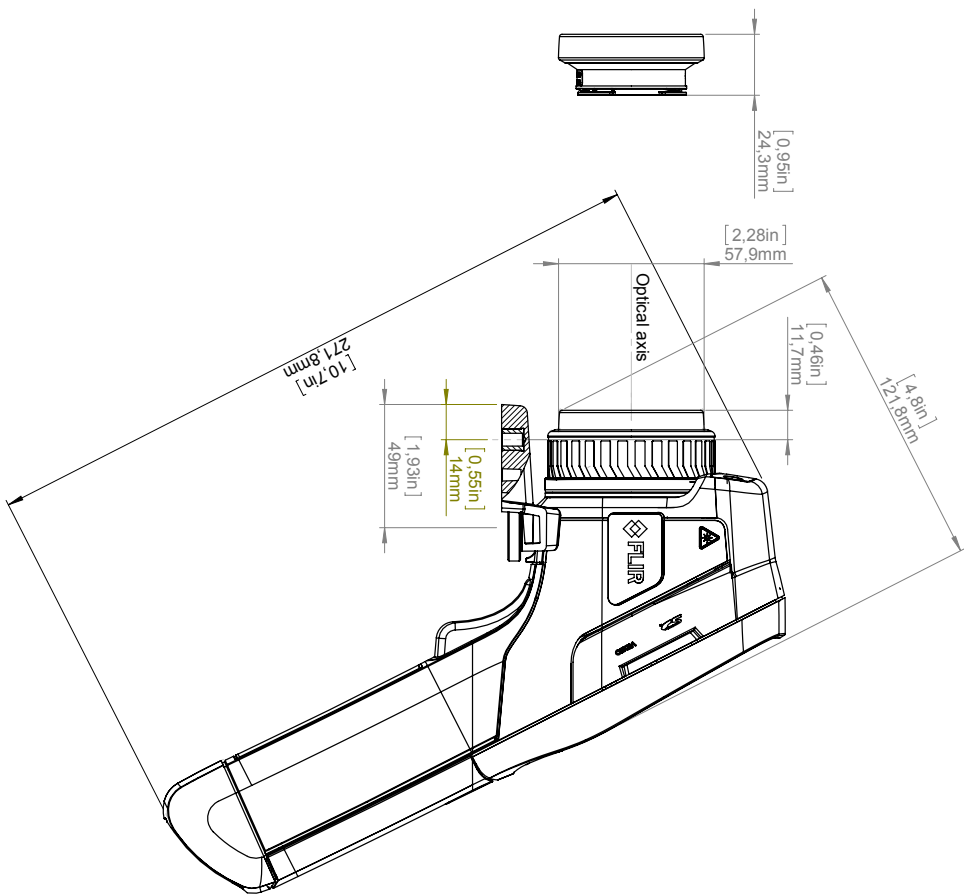
Labels:

- M4 (6x)
- UNC 1/4-20 (3x)
- 1/4-20 (3x)

Note: M4 (6x) UNC 1/4-20 (3x)



Camera with Lens IR f=30 mm (15°)



For additional dimensions see page 1

Modified 2012-04-18	Check CAHA	Drawn by R&D Thermography
Basic dimensions FLIR Exx		
Size A3	Scale 1:2	Sheet 3(4)
Drawing No. T126960	Size A	

