

Part number:

**T197914**

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April 07, 2014, 04:01 PM



### 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.

### Technical data

Field of view (FOV)	15° x 11° (19° diagonally)
Minimum focus distance	500 mm (19.69 in.)
Focal length	41.3 mm (1.63 in.)
Spatial resolution (IFOV)	0.41 mrad
Lens identification	Automatic
F-number	1.0
Number of lenses	3 (3 asph)
MTF @ 70% of FOV	Normal requirements (52%)
Distortion	3%
Weight	0.190 kg (0.419 lb.)
Size (L x D)	47 x 67 mm (1.85 x 2.64 in.)
Front lens diameter	52 mm (2.05 in.)

### Shipping information

- Lens
- Lens case
- Front lens cap
- Rear lens cap

### Compatible with the following products

- 55904-6521 FLIR T640 15°
- 55904-6621 FLIR T640 25°
- 55904-6721 FLIR T640 45°
- 55904-6822 FLIR T640 15° (incl. Wi-Fi)
- 55904-6922 FLIR T640 25° (incl. Wi-Fi)
- 55904-7022 FLIR T640 45° (incl. Wi-Fi)
- 55904-7121 FLIR T640bx 15°
- 55904-7221 FLIR T640bx 25°
- 55904-7321 FLIR T640bx 45°
- 55904-7422 FLIR T640bx 15° (incl. Wi-Fi)
- 55904-7522 FLIR T640bx 25° (incl. Wi-Fi)
- 55904-7622 FLIR T640bx 45° (incl. Wi-Fi)
- 55904-7723 FLIR T650sc 15° (incl. Wi-Fi)
- 55904-7823 FLIR T650sc 25° (incl. Wi-Fi)
- 55904-7923 FLIR T650sc 45° (incl. Wi-Fi)
- 55903-4721 FLIR T620 15°
- 55903-4821 FLIR T620 25°
- 55903-4921 FLIR T620 45°
- 55903-5022 FLIR T620 15° (incl. Wi-Fi)
- 55903-5122 FLIR T620 25° (incl. Wi-Fi)
- 55903-5222 FLIR T620 45° (incl. Wi-Fi)
- 55903-5321 FLIR T620bx 15°
- 55903-5421 FLIR T620bx 25°
- 55903-5521 FLIR T620bx 45°



## IR lens, f=41.3 mm (15°) with case

P/N: T197914

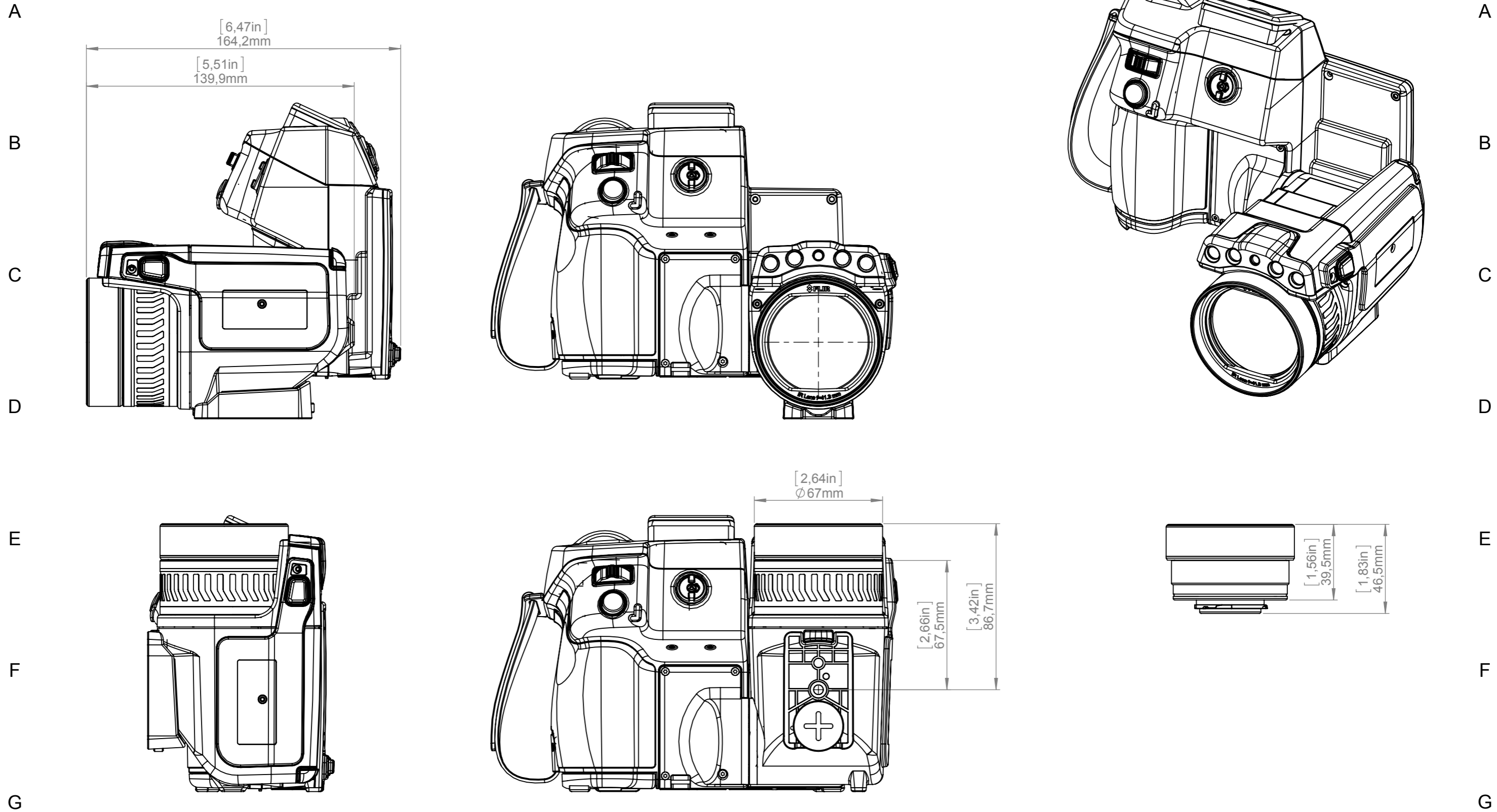
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### Compatible with the following products

- 55903-5622 FLIR T620bx 15° (incl. Wi-Fi)
- 55903-5722 FLIR T620bx 25° (incl. Wi-Fi)
- 55903-5822 FLIR T620bx 45° (incl. Wi-Fi)
- 55904-5921 FLIR T630 15°
- 55904-6021 FLIR T630 25°
- 55904-6121 FLIR T630 45°
- 55904-6222 FLIR T630 15° (incl. Wi-Fi)
- 55904-6322 FLIR T630 25° (incl. Wi-Fi)
- 55904-6422 FLIR T630 45° (incl. Wi-Fi)
- 55903-3021 FLIR T610 15°
- 55903-3721 FLIR T610 25°
- 55903-3821 FLIR T610 45°
- 55903-8022 FLIR T610 15° (incl. Wi-Fi)
- 55903-3922 FLIR T610 25° (incl. Wi-Fi)
- 55903-4022 FLIR T610 45° (incl. Wi-Fi)
- 55903-0922 FLIR T600 15° (incl. Wi-Fi)
- 55903-1022 FLIR T600 25° (incl. Wi-Fi)
- 55903-1522 FLIR T600 45° (incl. Wi-Fi)
- 55903-2822 FLIR T600bx 25° (incl. Wi-Fi)
- 55903-2922 FLIR T600bx 45° (incl. Wi-Fi)
- 55001-0104 FLIR A615 7°
- 55001-0101 FLIR A615 15°
- 55001-0102 FLIR A615 25°
- 55001-0103 FLIR A615 45°
- 55001-0105 FLIR A615 80°
- 55001-0204 FLIR A645sc 7°
- 55001-0201 FLIR A645sc 15°
- 55001-0202 FLIR A645sc 25°
- 55001-0203 FLIR A645sc 45°
- 55001-0205 FLIR A645sc 80°
- 55001-0304 FLIR A655sc 7°
- 55001-0301 FLIR A655sc 15°
- 55001-0302 FLIR A655sc 25°
- 55001-0303 FLIR A655sc 45°
- 55001-0305 FLIR A655sc 80°

1 2 3 4 5 6 7 8 9 10

# Camera with Lens IR f=41,3 mm (15°)



For additional dimensions see page 1

Modified 2012-04-19 Check CAHA Drawn by R&D Thermography

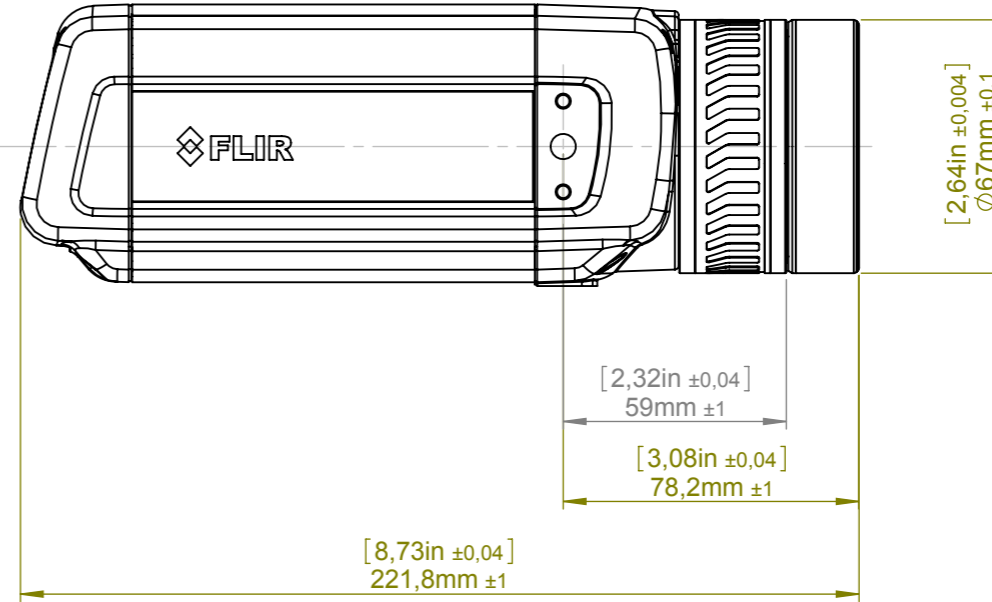
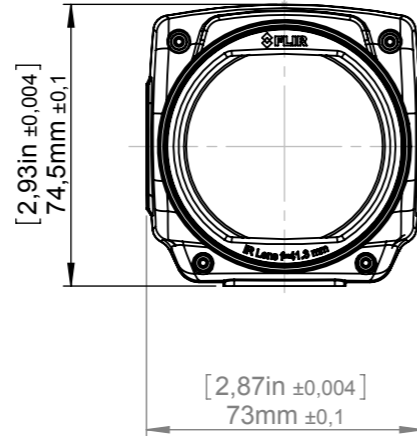
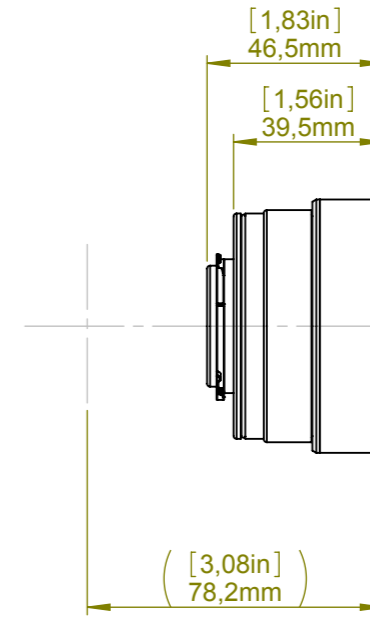
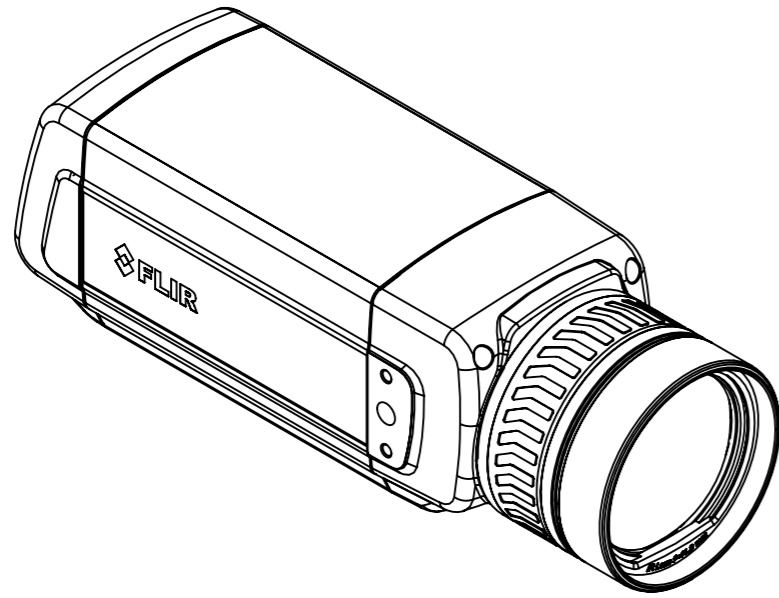
Denomination

Basic dimensions FLIR T6xx

Size A3  
Scale 1:2  
Drawing No. T127424

Sheet 5(9)  
Size A

# Camera with Lens IR f=41,3 mm (15°)



For additional dimensions see page 1

Modified 2012-04-18	Check CAHA	Drawn by R&D Thermography	
Denomination Basic dimensions FLIR A/SC 6xx			
Drawing No. T126925			Size A