



IR lens, f=76 mm (6°) with case and mounting support (for A3xx, A3xxsc)

P/N: T197407

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Website

<http://www.flir.com>

Customer support

<http://support.flir.com>

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General description

A narrow FOV is used in applications where the object that is going to be monitored is remote from the camera or when the camera needs to be far away from the object due to for an example high temperatures.

Imaging and optical data

Field of view (FOV)	6° × 4.5°
Minimum focus distance	4 m (13.11 ft.)
Focal length	76 mm (3.0 in.)
Spatial resolution (IFOV)	0.33 mrad
F-number	1.3
Number of lenses	3 (3 asph)
MTF @ 70% of FOV	Normal requirements (52%)
Distortion	3%

Physical data

Weight	Lens: 0.328 kg (0.723 lb.) Support: 0.15 kg (0.331 lb.)
Size (L × D)	106 × 89 mm (4.17 × 3.48 in.), excluding support

Shipping information

Packaging, type	Cardboard box
List of contents	• Lens • Lens case • Mounting support
Packaging, weight	1.266 kg (2.8 lb.)
Packaging, size	385 × 308 × 162 mm (15.2 × 12.1 × 6.4 in.)
EAN-13	7332558005804
UPC-12	845188006013
Country of origin	Sweden

Compatible with the following products:

- 48201-1001; FLIR A300
- 42701-1001; FLIR A300 (9 Hz)
- 48201-1101; FLIR A310
- 42701-1101; FLIR A310 (9 Hz)
- 48001-1101; FLIR A315
- 48201-1201; FLIR A320 Tempscreen



IR lens, f=76 mm (6°) with case and mounting support (for A3xx, A3xxsc)

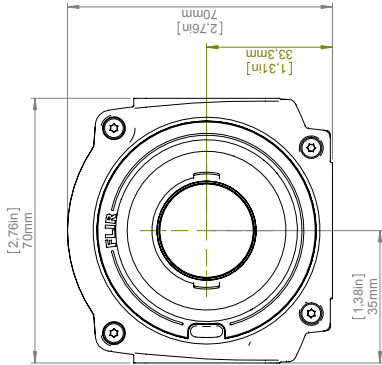
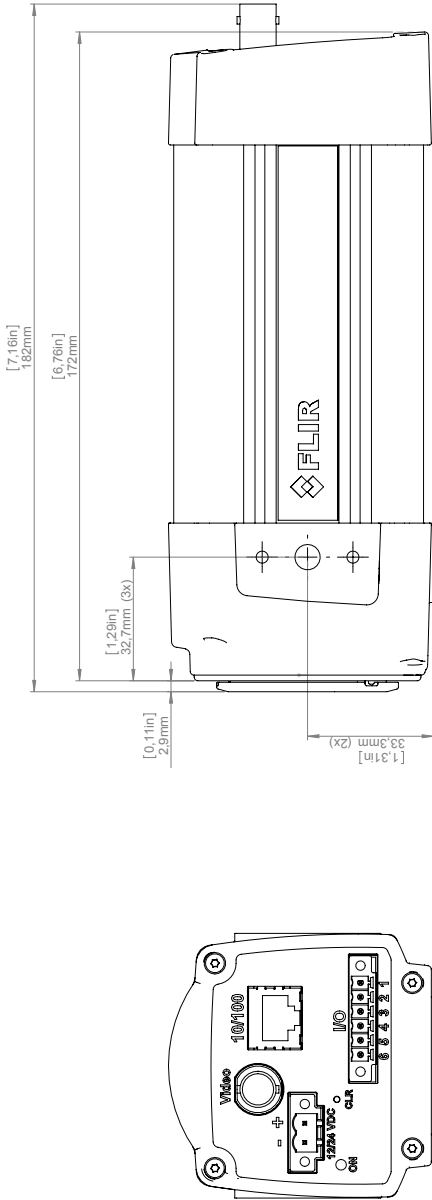
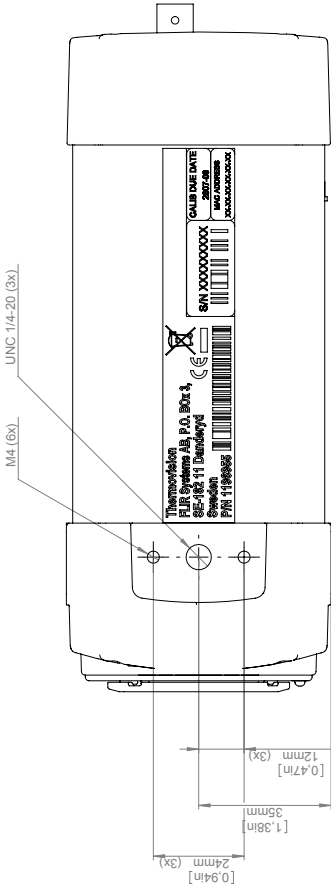
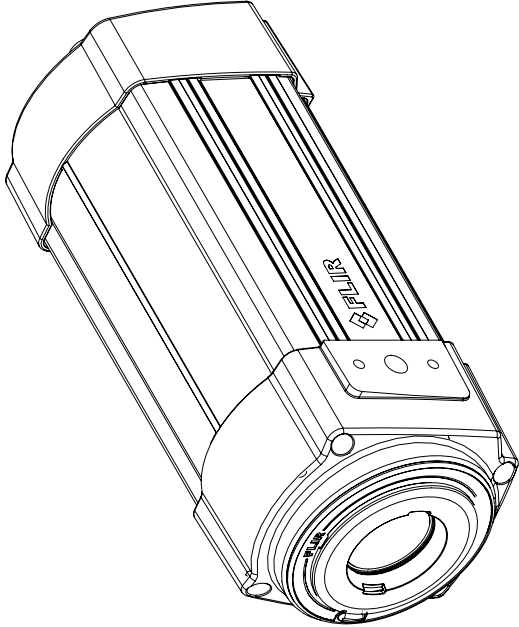
P/N: T197407

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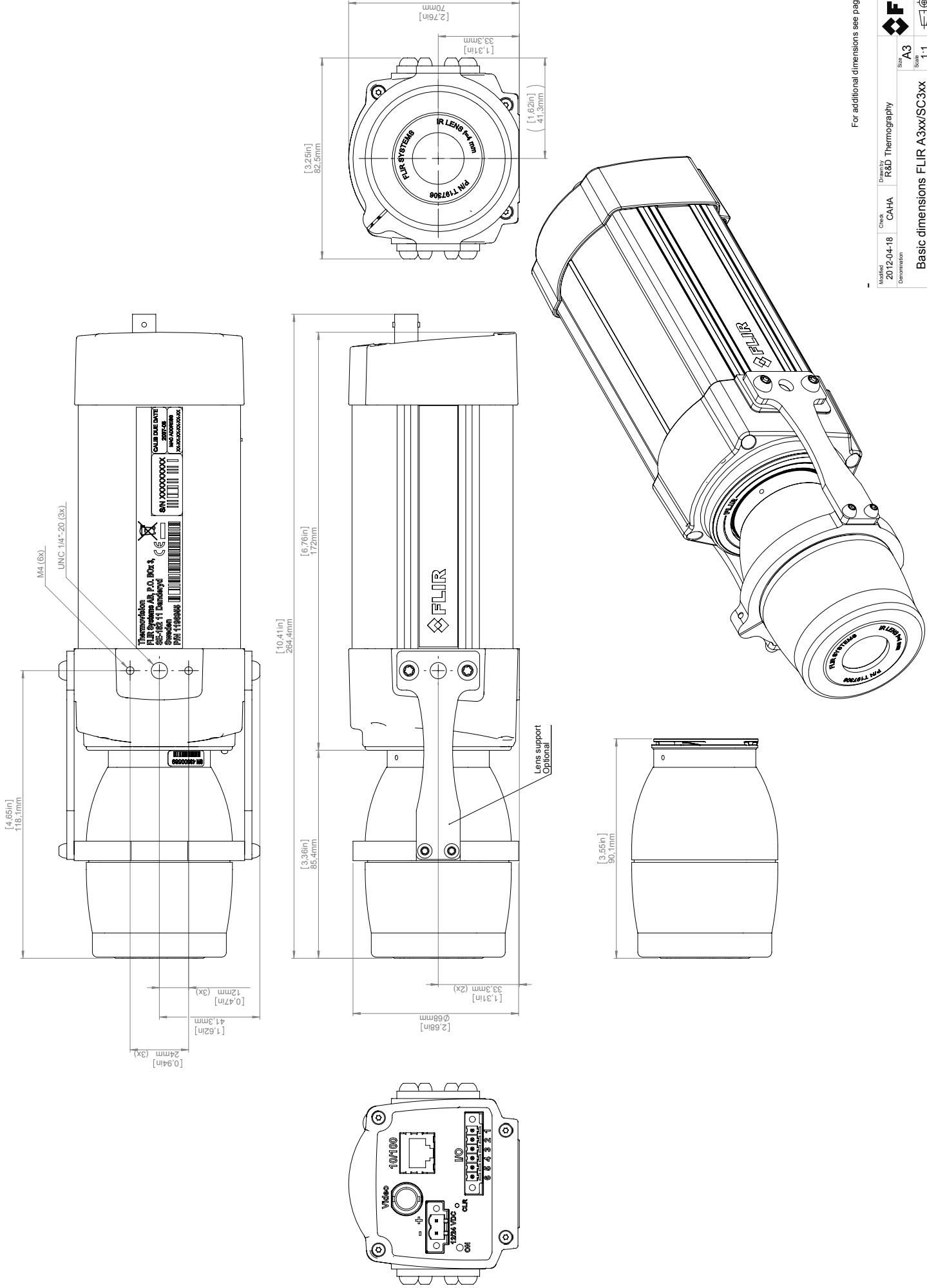
#T197407; r. 64419; en-US

- 42701-1201; FLIR A320 Tempscreen (9 Hz)
- 48001-1001; FLIR A325sc

Camera with built-in IR lens f=18 mm (25°)



Camera with Lens IR f=4 mm (90°) incl support

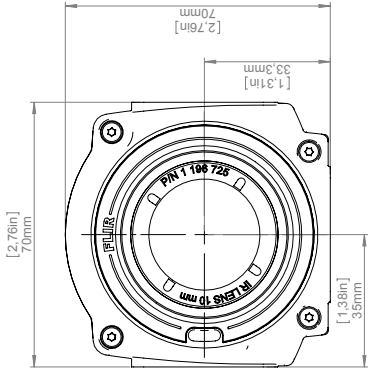
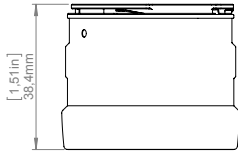
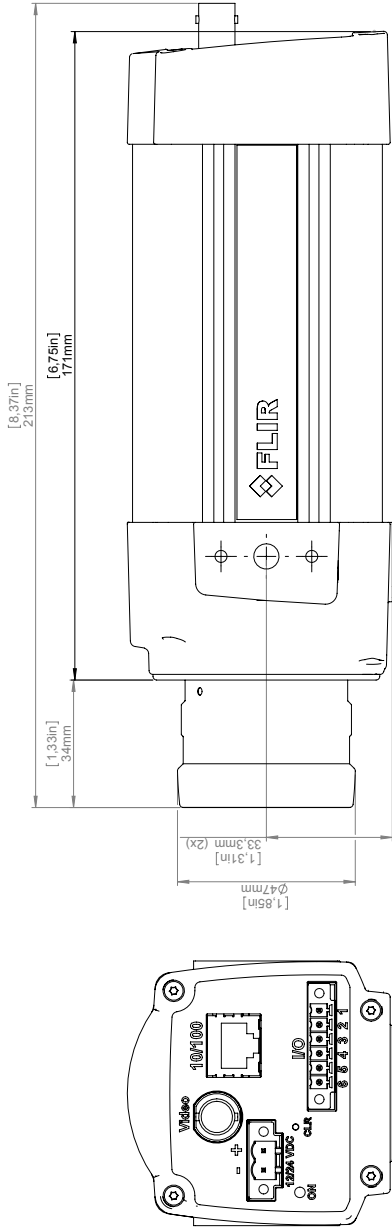
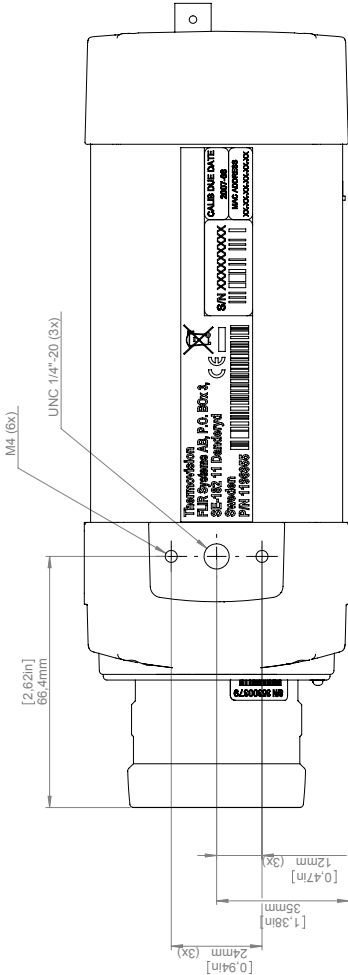
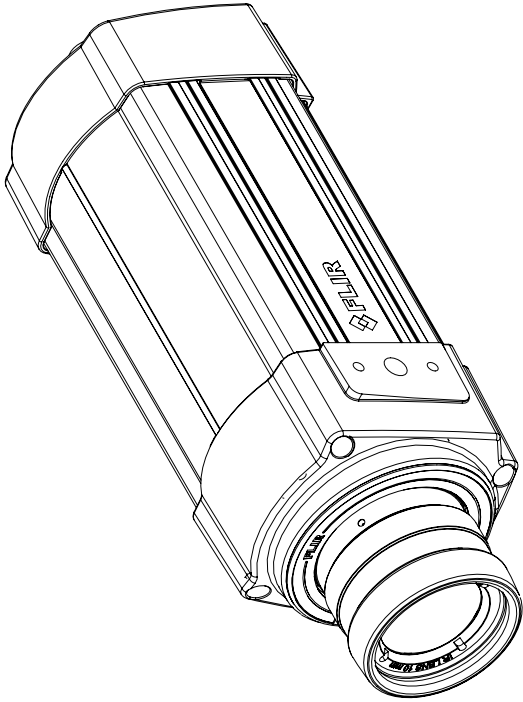


For additional dimensions see page 1

Modified 2012-04-18	Check CAHA	Drawn by R&D Thermography	Size A3	Scale 1:1	Sheet 2(8)	Size A
Basic dimensions FLIR A3xx/SC3xx						Drawing No. T125002



Camera with Lens IR f=10 mm (45°)



For additional dimensions see page 1

Modified 2012-04-18	Check CAHA	Drawn by R&D Thermography	Size A3	Scale 1:1	Sheet 3(8)	Size A
Basic dimensions FLIR A3xx/SC3xx						Drawing No. T125002

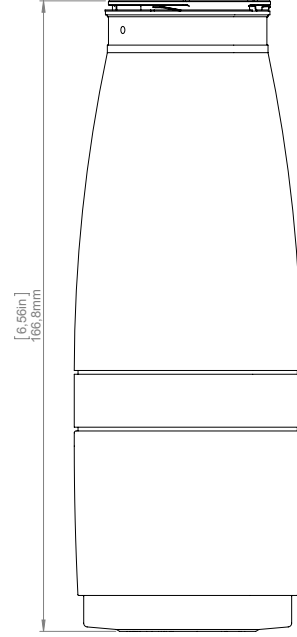
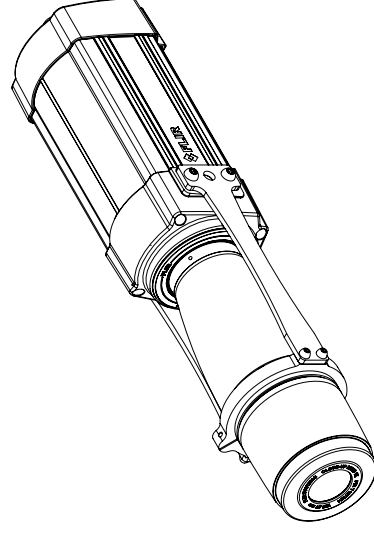
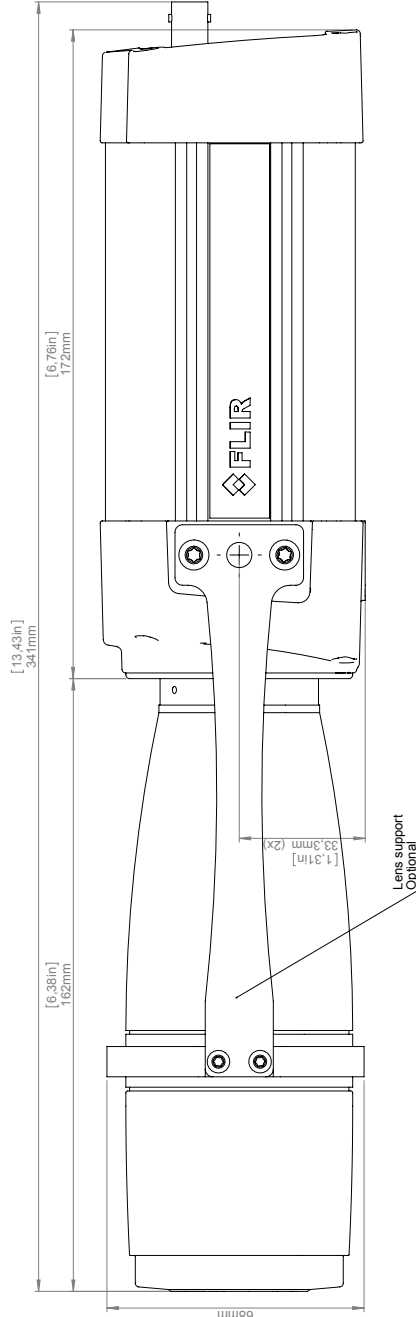
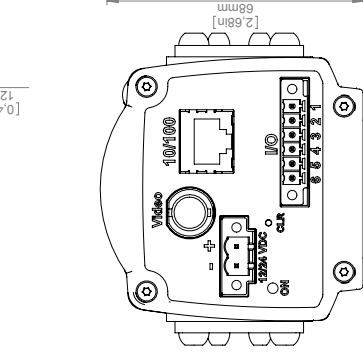
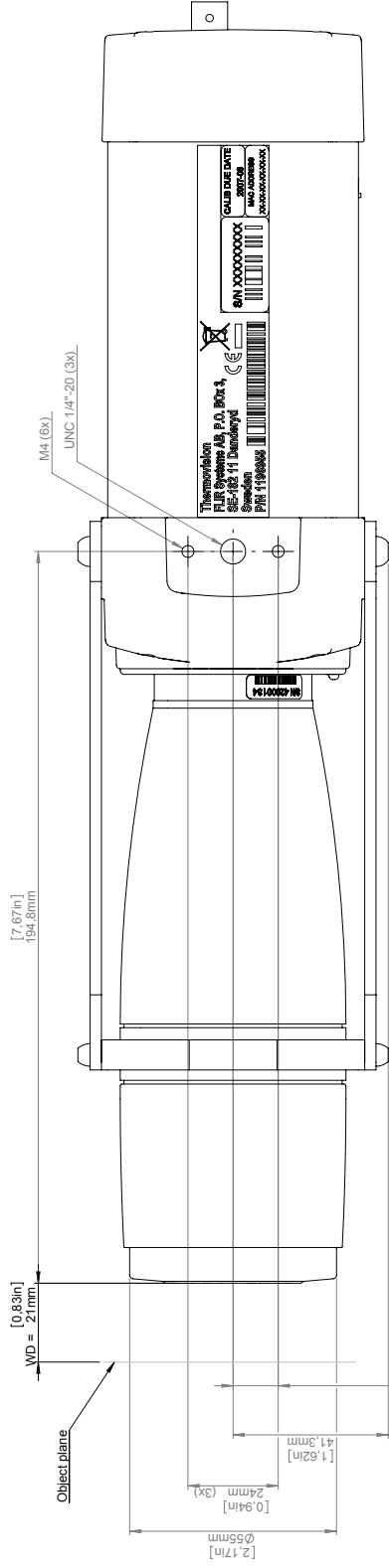


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Denomination -			Drawing No. T125002	Size A

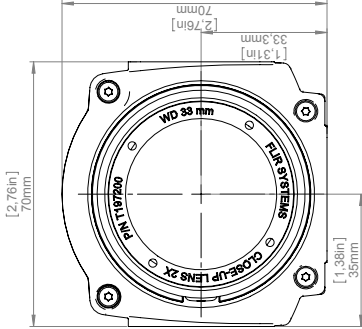
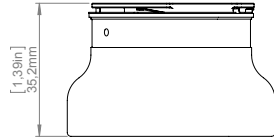
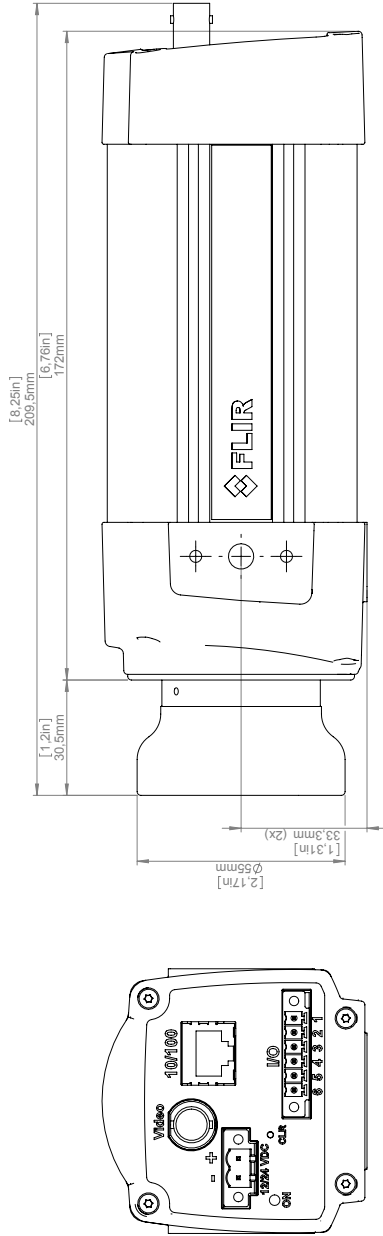
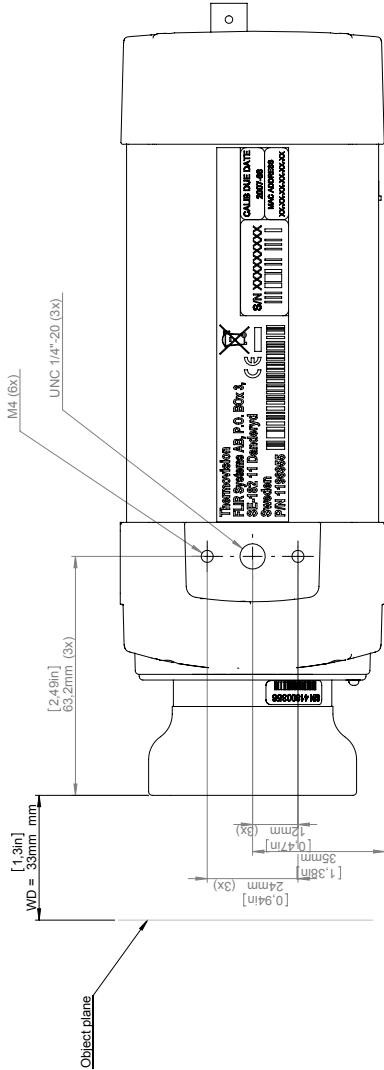
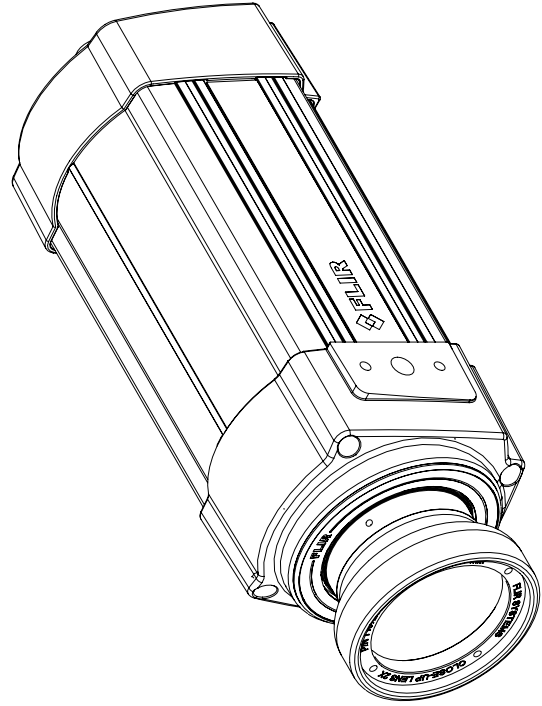
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Basic dimensions FLIR A3xx/SC3xx			Scale 1:1	Sheet 4(6)
Denomination -			Drawing No. T125002	Size A

Camera with Close-up lens 1X (25 µm) incl support



For additional dimensions see page 1

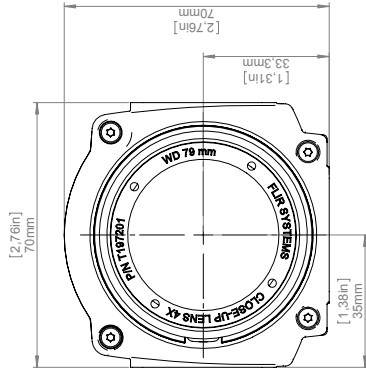
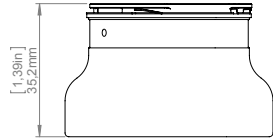
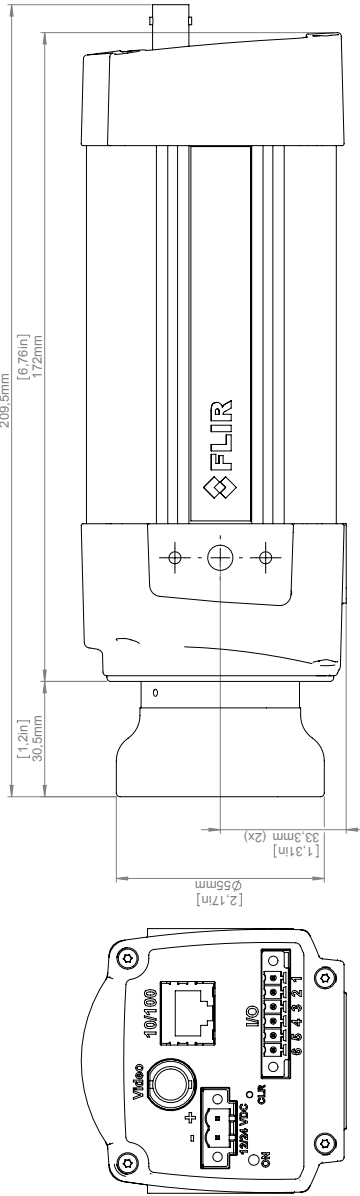
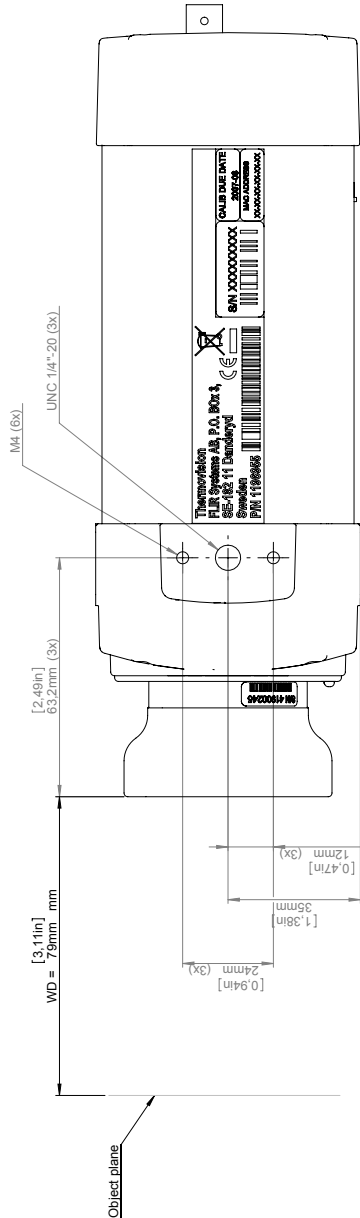
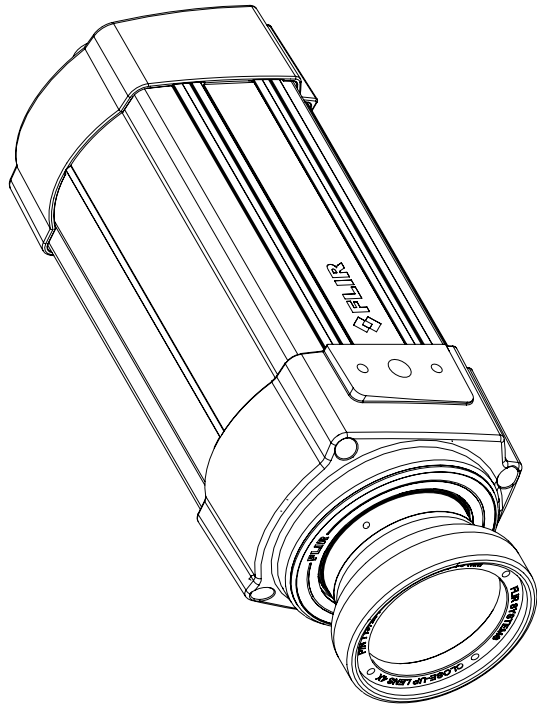
Camera with Close-up lens 2X (50 µm)



For additional dimensions see page 1

Modified 2012-04-18	Check CAHA	Drawn by R&D Thermography	Size A3	Scale 1:1	Sheet 7(8)	Size A
Basic dimensions FLIR A3xx/SC3xx						Sheet T125002

Camera with Close-up lens 4X (100 µm)



For additional dimensions see page 1

Modified 2012-04-18	Check CAHA	Drawn by R&D Thermography	Size A3	Scale 1:1	Part No. 8(8)	Size A
Denotation			Basic dimensions FLIR A3xx/SC3xx			Drawing No. T125002