

P/N: T197215

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Document identity

Publ. No.: T197215

Commit: 42932

Language: en-US

Modified: 2017-05-30

Formatted: 2020-10-27

Website

<http://www.flir.com>

Customer support

<http://support.flir.com>

Disclaimer

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General description

For R&D usage or development purposes. As an example looking at PCB's or small electronic components.

Imaging and optical data

Field of view (FOV)	32 × 24 mm
Magnifying factor	4x
Working distance	79 mm
Depth of field	±2.0 mm
Focal length	73 mm (2.9 in.)
Spatial resolution (IFOV)	Depends on the IR resolution of the camera: 200 µm for 160 × 120 pixels 160 µm for 200 × 150 pixels 133 µm for 240 × 180 pixels 100 µm for 320 × 240 pixels
F-number	1.3
Number of lenses	2 (2 asph)
MTF @ 70% of FOV	Normal requirements (52%)
Distortion	3%

Physical data

Weight	0.11 kg (0.24 lb.)
Size (L × D)	35.2 × 55 mm

Shipping information

Packaging, type	Cardboard box
List of contents	• Lens • Lens case
Packaging, weight	0.340 kg (0.75 lb.)
Packaging, size	172 × 131 × 133 mm (6.8 × 5.2 × 5.2 in.)
EAN-13	7332558005088
UPC-12	845188005115
Country of origin	Sweden

Compatible with the following products:

- 48201-1001; FLIR A300



Close-up 4x (100 µm) incl. case

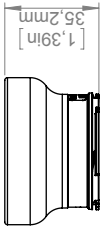
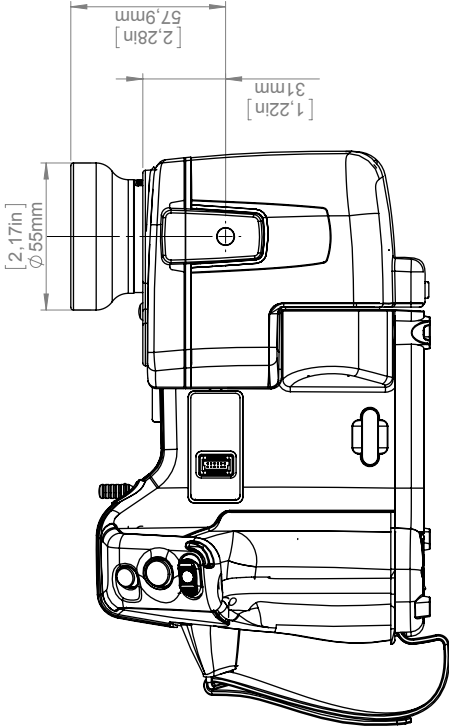
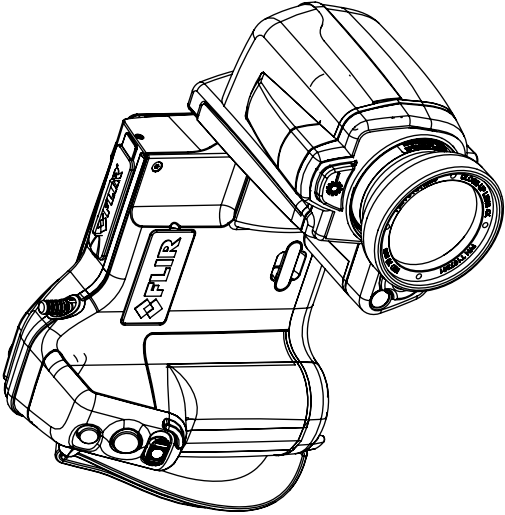
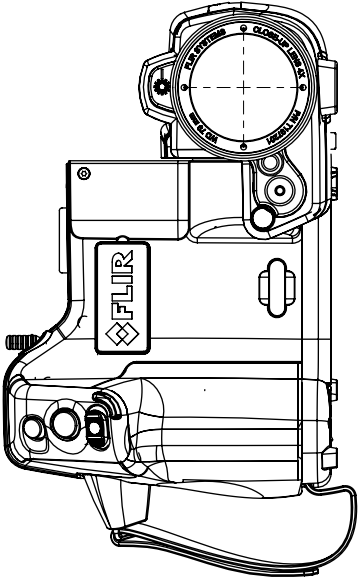
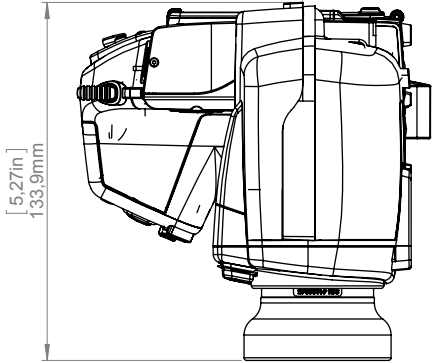
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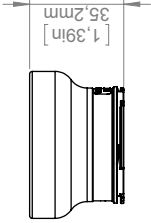
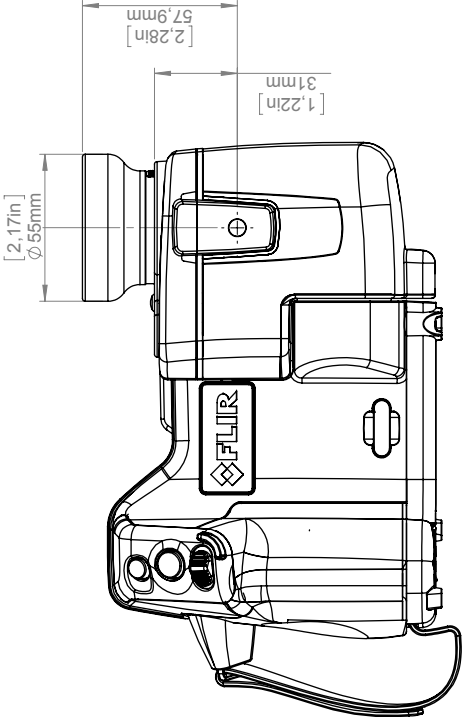
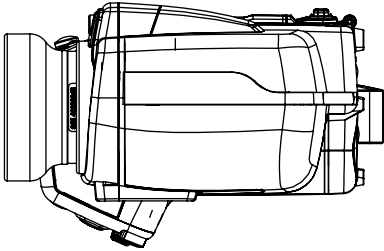
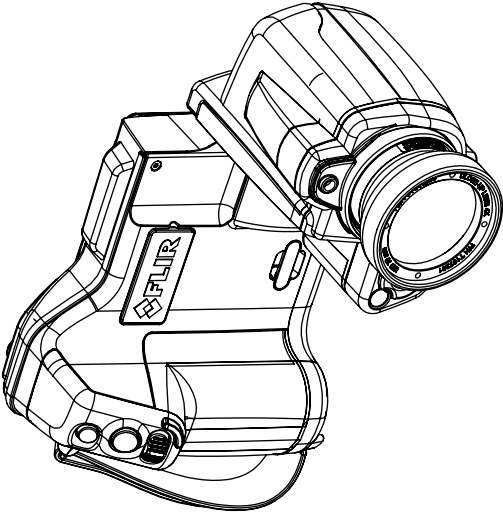
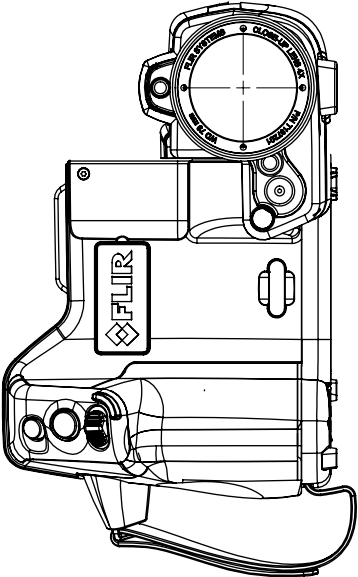
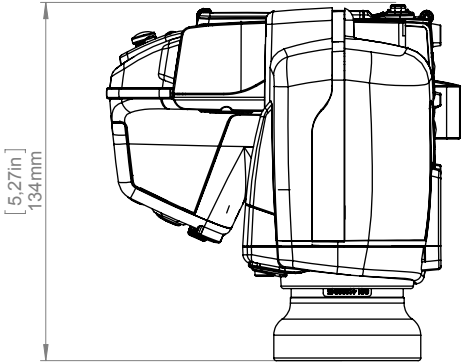
- 42701-1001; FLIR A300 (9 Hz)
- 48201-1101; FLIR A310
- 42701-1101; FLIR A310 (9 Hz)
- 48001-1101; FLIR A315
- 48201-1201; FLIR A320 Tempscreen
- 42701-1201; FLIR A320 Tempscreen (9 Hz)
- 48001-1001; FLIR A325sc

Camera with Close-up lens 4X (100 µm)



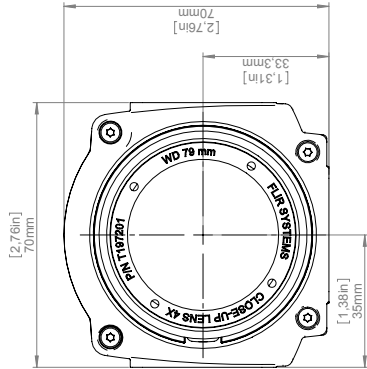
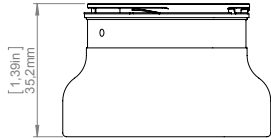
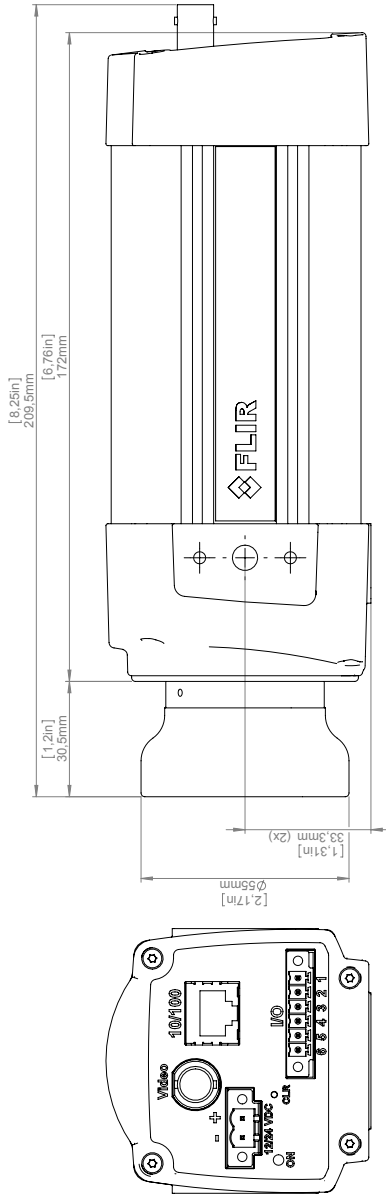
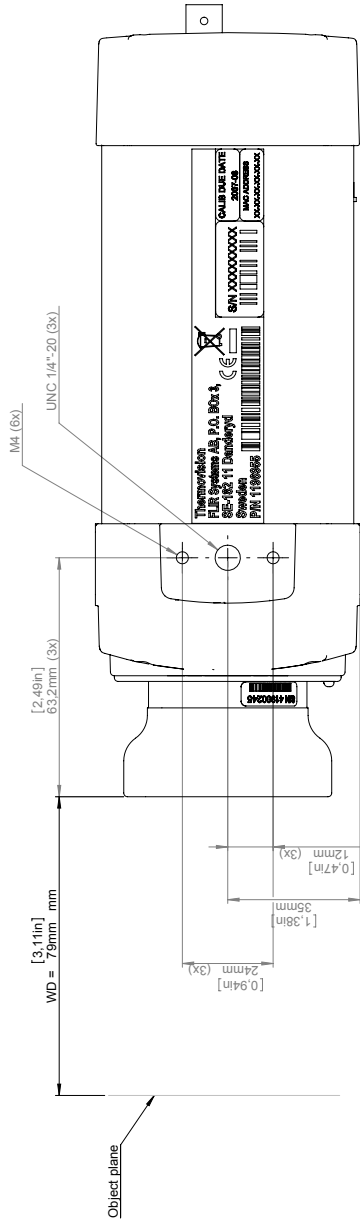
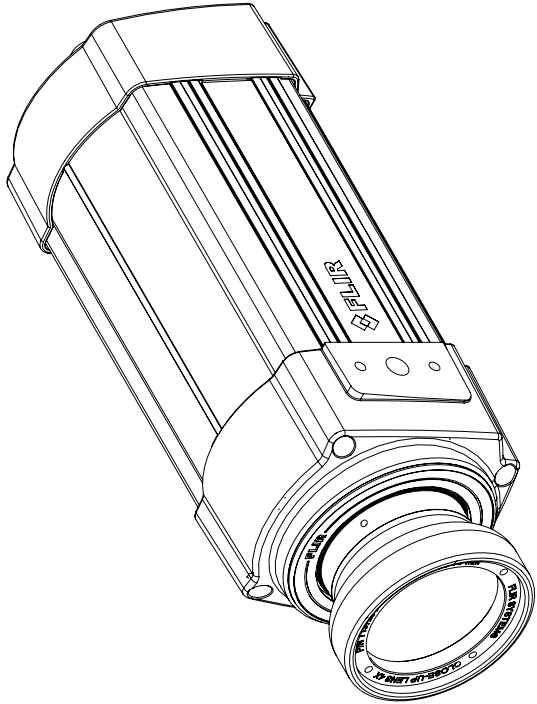
Modified 2012-04-18	Check CAHA	Drawn by R&D Thermography	For additional dimensions see page 1		
Denomination			Size A3	Sheet 7(7)	Size B
Basic dimensions FLIR Txxx/Bxxx			Scale 1:2	Drawing No. T197905	

Camera with Close-up lens 4X (100 µm)



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

Camera with Close-up lens 4X (100 µm)



For additional dimensions see page 1

Modified 2012-04-18	Checked CAHA	Drawn by R&D Thermography	Size A3	Scale 1:1	Sheet 08
Description Basic dimensions FLIR A3xx/SC3xx			Drawing No. T125002		