

P/N: T197214

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Website

<http://www.flir.com>

Customer support

<http://support.flir.com>

Disclaimer

Specifications subject to change without further notice. Camera models and accessories subject to regional market considerations. License procedures may apply. Products described herein may be subject to US Export Regulations. Please refer to exportquestions@flir.com with any questions.



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)	16 × 12 mm
Magnifying factor	2×
Working distance	33 mm
Depth of field	±0.4 mm
Focal length	37 mm (1.5 in.)
Spatial resolution (IFOV)	Depends on the IR resolution of the camera: 100 µm for 160 × 120 pixels 80 µm for 200 × 150 pixels 67 µm for 240 × 180 pixels 50 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	0.346 kg (0.8 lb.)
Packaging, size	172 × 131 × 133 mm (6.8 × 5.2 × 5.2 in.)
EAN-13	7332558005095
UPC-12	845188005122
Country of origin	Sweden

Compatible with the following products:

- 48201-1001; FLIR A300



Close-up 2× (50 µm) incl. case

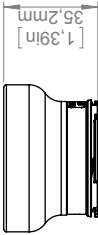
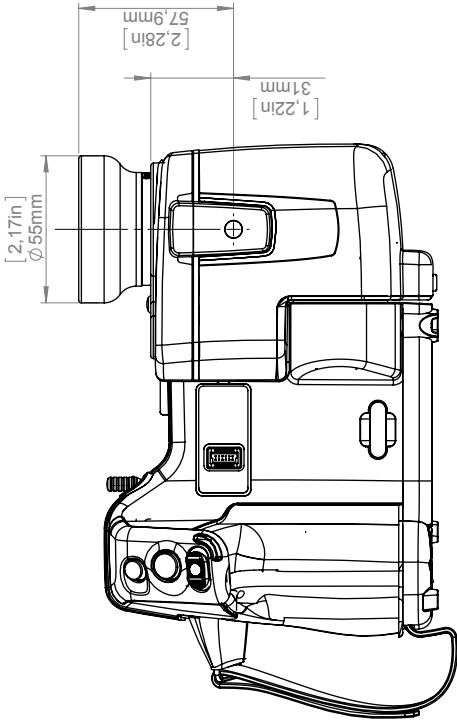
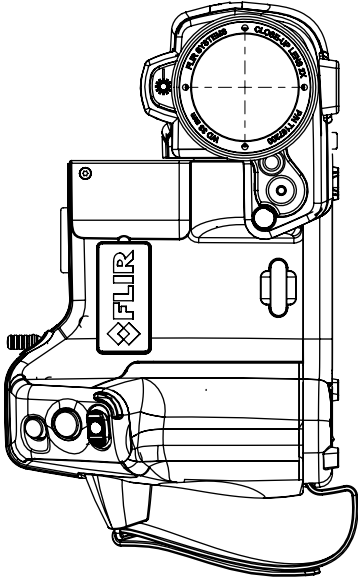
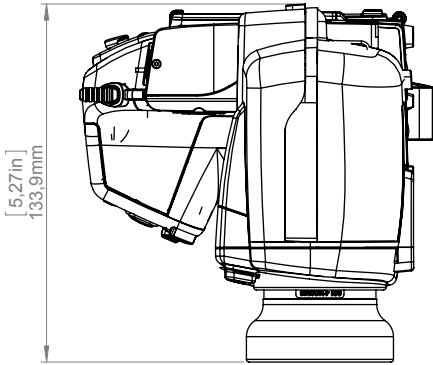
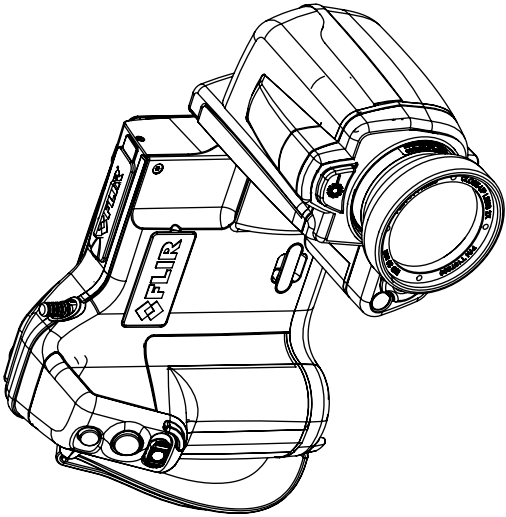
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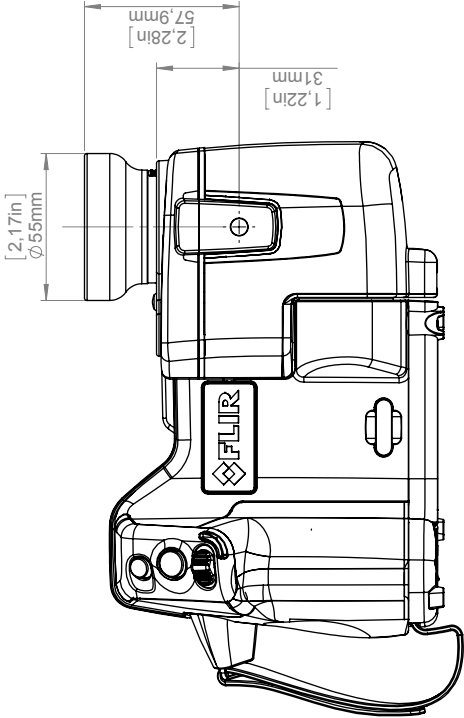
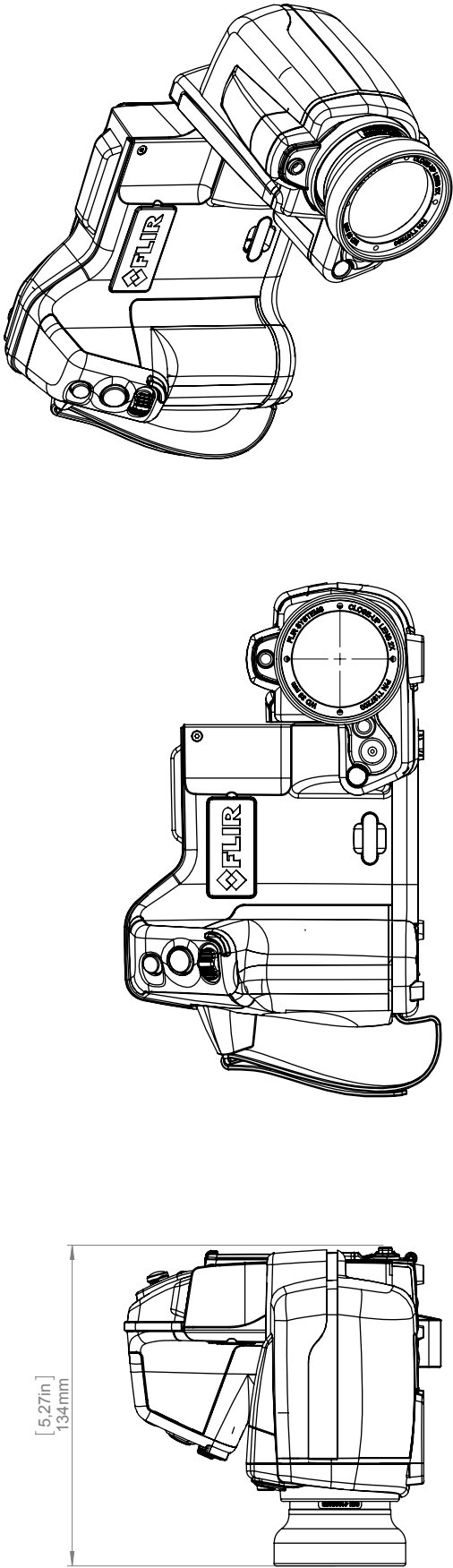
- 42701-1001; FLIR A300 (9 Hz)
- 48201-1101; FLIR A310
- 42701-1101; FLIR A310 (9 Hz)
- 48001-1101; FLIR A315
- 48201-1201; FLIR A320 Tempscreen
- 42701-1201; FLIR A320 Tempscreen (9 Hz)
- 48001-1001; FLIR A325sc

Camera with Close-up lens 2X (50 µm)



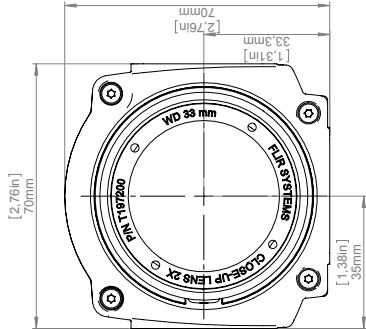
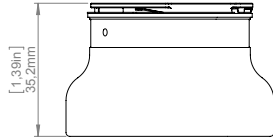
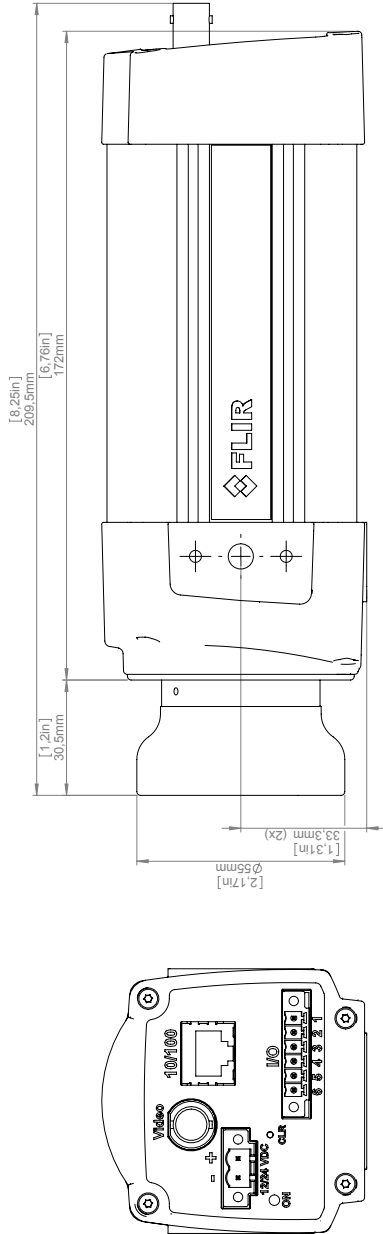
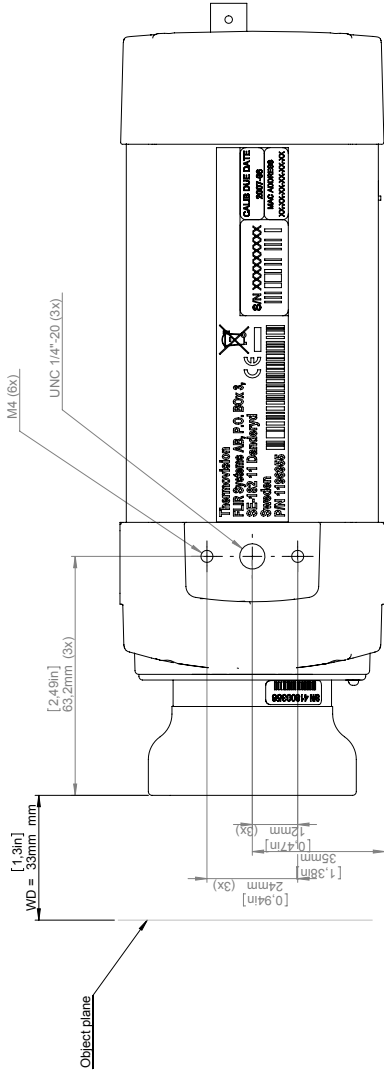
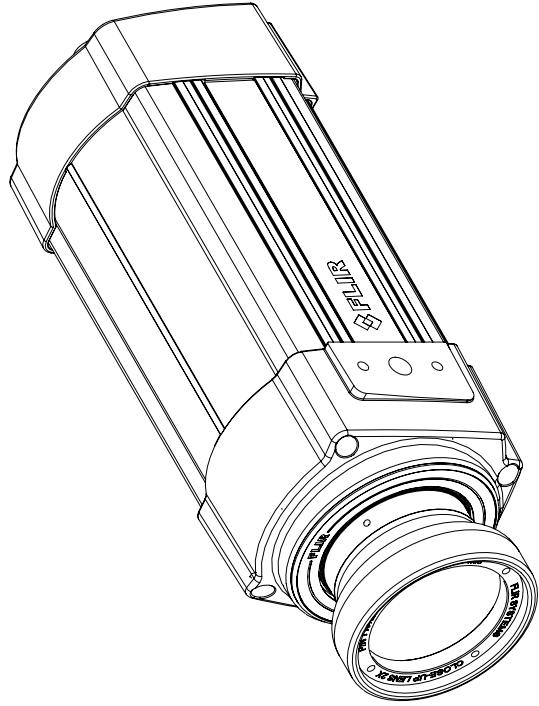
Modified 2012-04-18	Check CAHA	Drawn by R&D Thermography	For additional dimensions see page 1		
Denomination			Size A3	Sheet 6(7)	Size B
Basic dimensions FLIR Txxx/Bxxx			Scale 1:2	Drawing No. T197905	

Camera with Close-up lens 2X (50 µm)



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Denomination															Basic Dimensions FLIR T4xx														
															Scale 1:2		Sheet 6(7)		Drawing No. T127604		Size A								
1			2			3			4			5			6														

Camera with Close-up lens 2X (50 µm)



For additional dimensions see page 1

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