Option, Macro mode 50/71/101 µm for 24°

P/N: T199609

Copyright

© 2023, FLIR Systems, Inc.

All rights reserved worldwide. Names and marks appearing herein are either registered trademarks or trademarks of FLIR Systems and/or its subsidiaries. All other trademarks, trade names or company names referenced herein are used for identification only and are the property of their respective owners.

Document identity

Publ. No.: T199609
Commit: 73877
Language: en-US
Modified: 2021-02-18
Formatted: 2023-11-01

Website

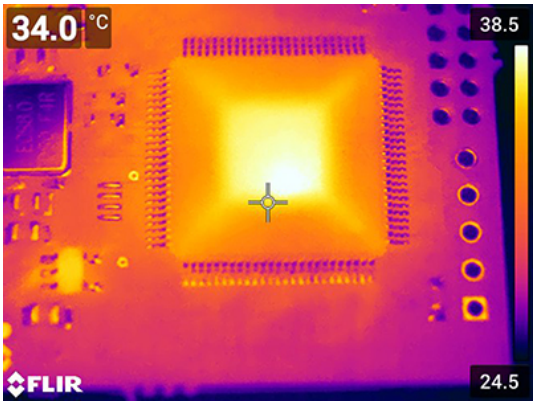
http://www.flir.com

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
Macro mode software option for 24° lenses; 50 µm (640 resolution), 71 µm (464 resolution), or 101 µm (320 resolution).

Imaging and optical data	
Field of view (FOV)	• Near focus (60 mm): 32 × 24 mm; 40 mm diagonally (1.26 × 0.94 in; 1.57 in diagonally) • Far focus (300 mm): 160 x 120 mm; 200 mm diagonally (6.30 × 4.72 in; 7.87 in diagonally)
Magnifying factor	4.2×
Focus range	• Near focus: 60 mm (2.36 in) measured from front lens • Far focus: 300 mm (11.81 in)[1]
Depth of field	0.9 mm
Focal length	17 mm (0.67 in)
Spatial resolution (IFOV)	• 50 µm (640 resolution) • 71 µm (464 resolution) • 101 µm (320 resolution)
Lens identification	Automatic
F-number	1.3

Compatible with the following products:

- 85900-0000; FLIR A700 Thermal Core
- 85900-1100; FLIR A700 Thermal Core, Optional temperature range
- 90600-0000; FLIR A500 Thermal Core
- 90600-1100; FLIR A500 Thermal Core, Optional temperature range
- 91900-0000; FLIR A400 Thermal Core
- 91900-1100; FLIR A400 Thermal Core, Optional temperature range
- 79302-0101; FLIR T530 24°
- 79304-0101; FLIR T530 24° + 14°
- 79306-0101; FLIR T530 24° + 14° & 42°
- 79305-0101; FLIR T530 24° + 42°
- 79302-0201; FLIR T540 24°

1. IFOV and magnifying factor are only applicable in near focus, not in far focus.

Option, Macro mode 50/71/101 µm for 24°

P/N: T199609
© 2023, FLIR Systems, Inc.
#T199609; r. 73877; en-US

- 79304-0201; FLIR T540 24° + 14°
- 79306-0201; FLIR T540 24° + 14° & 42°
- 79305-0201; FLIR T540 24° + 42°
- 89002-0101; FLIR T560 24°
- 89004-0101; FLIR T560 24° + 14°
- 89006-0101; FLIR T560 24° + 14° & 42°
- 89005-0101; FLIR T560 24° + 42°
- 82502-0201; FLIR T840 24°
- 82504-0201; FLIR T840 24° + 14°
- 82506-0201; FLIR T840 24° + 14° & 42°
- 82509-0201; FLIR T840 24° + 14° & 6°
- 82505-0201; FLIR T840 24° + 42°
- 82508-0201; FLIR T840 24° + 6°
- 89202-0101; FLIR T860 24°
- 89204-0101; FLIR T860 24° + 14°
- 89206-0101; FLIR T860 24° + 14° & 42°
- 89211-0101; FLIR T860 24° + 14° & 6°
- 89205-0101; FLIR T860 24° + 42°
- 89210-0101; FLIR T860 24° + 6°
- 89202-0201; FLIR T865 24°
- 89204-0201; FLIR T865 24° + 14°
- 89206-0201; FLIR T865 24° + 14° & 42°
- 89213-0201; FLIR T865 24° + 14° & 6°
- 89205-0201; FLIR T865 24° + 42°
- 89212-0201; FLIR T865 24° + 6°
- 82511-0201; FLIR T840 80°
- 89215-0201; FLIR T865 80°