

P/N: T300586

Copyright

© 2022, 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.: T300586

Commit: 85928

Language:

Modified: 2022-06-23

Formatted: 2022-06-23

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	
When a camera is ordered the following must be selected, as a minimum:	
<ol style="list-style-type: none"> one of the camera bodies: <ul style="list-style-type: none"> FLIR A400 Thermal Core FLIR A500 Thermal Core FLIR A700 Thermal Core one of the configurations: <ul style="list-style-type: none"> Smart Sensor configuration Image Streaming configuration one (or several) of the lenses: <ul style="list-style-type: none"> IR lens, f=70 mm (6°) with case IR lens, f=29 mm (14°) IR lens, f=17 mm (24°) IR lens, f=10 mm (42°) IR lens Dual FOV, f=17/29 mm (24°/14°) 	
For orders of more than one lens, select the primary lens to be mounted on the Thermal Core camera body at delivery. The additional lenses are then delivered in separate boxes. Due to its size, the IR lens, f=70 (6°), is always delivered in a case.	
Please note that other P/Ns are used when the lenses are ordered as accessories.	
The following options are available:	
<ul style="list-style-type: none"> Antenna WLAN 2.4/5 GHz + Wi-Fi Option, Visual camera including MSX Advanced Smart Sensor configuration Advanced Image Streaming configuration Option, Macro mode 50/71/101 µm for 24° 	
Note the following:	
The <i>Advanced Smart Sensor configuration</i> and the <i>Advanced Image Streaming configuration</i> require the <i>Smart Sensor configuration</i> and the <i>Image Streaming configuration</i> , respectively.	

Imaging and optical data	
Field of view (FOV)	<ul style="list-style-type: none"> 24° × 18° 14° × 10°
Minimum focus distance	<ul style="list-style-type: none"> 0.18 m (0.59 ft), 24° 1.0 m (3.28 ft), 14°
Minimum focus distance with MSX	<ul style="list-style-type: none"> 0.5 m (1.64 ft), 24° 1.0 m (3.28 ft), 14°
Focal length	<ul style="list-style-type: none"> 17 mm (0.67 in), 24° 29 mm (1.41 in), 14°



IR lens Dual FOV, f=17/29 mm (24°/14°)

P/N: T300586

© 2022, FLIR Systems, Inc.

#T300586; r. 85928;

Imaging and optical data	
Spatial resolution (IFOV)	Dependent on the IR resolution of the camera. f = 17 mm (24°): <ul style="list-style-type: none">• 320 × 240 pixels: 1.33 mrad/pixel• 464 × 348 pixels: 0.92 mrad/pixel• 640 × 480 pixels: 0.67 mrad/pixel f = 29 mm (14°): <ul style="list-style-type: none">• 320 × 240 pixels: 0.75 mrad/pixel• 464 × 348 pixels: 0.52 mrad/pixel• 640 × 480 pixels: 0.38 mrad/pixel
F-number	<ul style="list-style-type: none">• 1.3, 24°• 1.3, 14°
Physical data	
Weight	0.18 kg (0.40 lb)
Size (L × W × H)	51 × 72 × 72 mm (2 × 2.8 × 2.8 in)
Shipping information	
List of contents	<ul style="list-style-type: none">• Lens• Front lens cap
EAN-13	7332558029718
UPC-12	845188026783
Country of origin	Sweden

Compatible with the following products:

- 85900-0000; FLIR A700 Thermal Core
- 85902-0102; FLIR A700 24° Professional Science Kit
- 85902-0202; FLIR A700 24° Standard Science Kit
- 85903-0102; FLIR A700 24° f/1.0 Professional Science Kit
- 85903-0202; FLIR A700 24° f/1.0 Standard Science Kit
- 90600-0000; FLIR A500 Thermal Core
- 90610-0202; FLIR A500 24° Standard Science Kit
- 90611-0102; FLIR A500 24° Professional Science Kit
- 91900-0000; FLIR A400 Thermal Core
- 91902-0202; FLIR A400 24° Standard Science Kit
- 91903-0102; FLIR A400 24° Professional Science Kit