



NEW FLIR A-SERIES CAMERAS

HOW TO BUILD THE CAMERA SYSTEM YOU NEED

MARCH 31, 2020



NEW FLIR A400 & A700 CAMERAS

Minimum Requirements for Ordering

ONE ITEM FROM EACH SECTION NEEDS TO BE SELECTED FOR ORDER TO BE VALID

Select a Camera Resolution

A400 – 320 x 240 (PN: 86000-0000)

OR

A700 – 640 x 480 (PN: 85900-0000)

Select a Camera Type

Image Streaming (PN: T300313)

OR

Smart Sensor (PN: T300312)

Select an FOV

24° Lens (PN: T300240)

OR

14° Lens (PN: T300241)

OR

42° Lens (PN: T300239)

OR

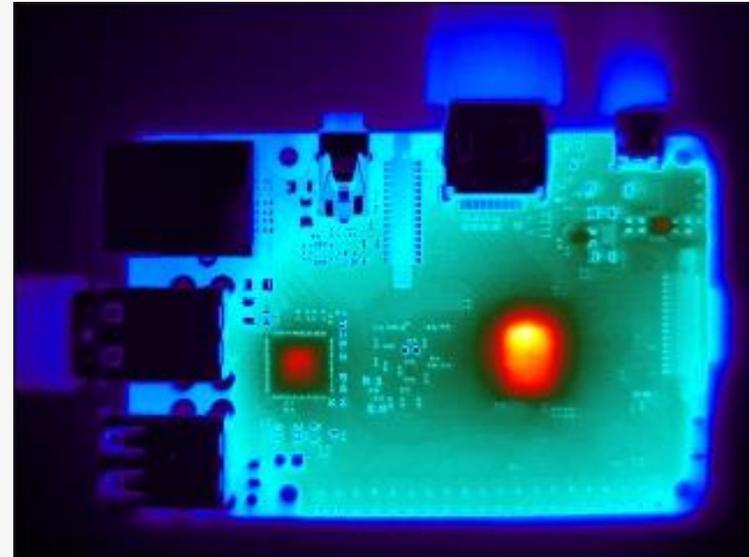
6° Lens (PN: T300095)

SELECT THE CAMERA RESOLUTION

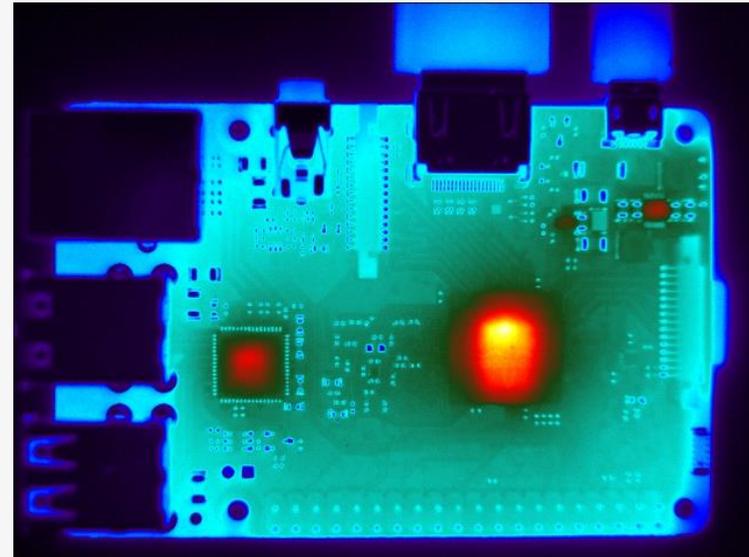
A400 – 320 x 240 pixels

A700 – 640 x 480 pixels

320 x 240 (PN: 86000-0000)



640 x 480 (PN: 85900-0000)



SELECT THE CAMERA TYPE

Based on application and interface needs

Image Streaming
Thermal Camera
(PN: T300313)



Custom Applications

- GigE Vision
- GenICam
- Digital I/O
- PoE
- Motorized focus
- Built in web interface

Smart Sensor
Thermal Camera
(PN: T300312)



On-Camera Analytics

- Built in spot analytics function
- Built in area analytics function
- Built in alarms
- Isotherms
- Iso-coverage
- Digital I/O
- PoE
- Modbus TCP
- Built in web interface
- Motorized Focus
- Built in fault diagnostics
- REST-API
- MQTT

SELECT THE FIELD OF VIEW

24° Lens

14° Lens

42° Lens

6° Lens

24° Lens (PN: T300240)

- FOV: 24° x 18°
- Effective Focal Length: 17mm
- Minimum Focus Distance: 0.15m

14° Lens (PN: T300241)

- FOV: 14° x 10°
- Effective Focal Length: 29mm
- Minimum Focus Distance: 1.0m

42° Lens (PN: 300239)

- FOV: 42° x 32°
- Effective Focal Length: 10mm
- Minimum Focus Distance: 0.15m

6° Lens (PN: 300095)

- FOV: 6° x 4.5°
- Effective Focal Length: 70mm
- Minimum Focus Distance: 5.0m



CONGRATULATIONS!

YOU NOW HAVE A WORKABLE CAMERA SYSTEM

NOW CUSTOMIZE IT



UPGRADE
TO
ADVANCED
CONFIGURATIONS



UPGRADE
TO
EXTENDED
FEATURES



ADD
ACCESSORIES

UPGRADE TO ADVANCED CONFIGURATIONS

IMAGE STREAMING THERMAL CAMERA

Standard Features (PN: T300313):

- GigE Vision
- GenICam
- Digital I/O
- PoE
- Motorized focus
- Built in web interface

Advanced Features (PN: T300292):

- GigE Vision
- GenICam
- Digital I/O
- PoE
- Motorized focus
- Built in web interface
- RTSP
- Pan & Tilt support via ONVIF-S
- Multi image streaming
- Compressed 16-bit image streaming

UPGRADE TO ADVANCED CONFIGURATIONS

SMART SENSOR THERMAL CAMERA

Standard Features (PN: T300312):

- Built in spot analytics function - 6
- Built in area analytics function - 6
- Built in alarms
- Isotherms
- Iso-coverage
- Digital I/O
- PoE
- Modbus TCP
- Built in web interface
- Motorized Focus
- Built in fault diagnostics
- REST-API
- MQTT

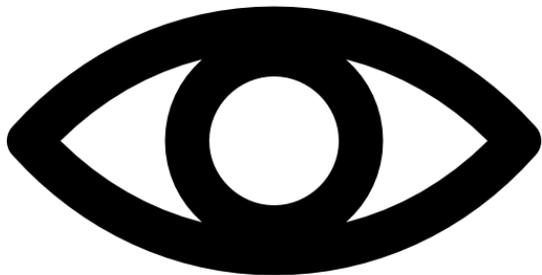
Advanced Features (PN: T300293):

- Built in spot analytics function - 10
- Built in area analytics function - 10
- Built in alarms
- Isotherms
- Iso-coverage
- Digital I/O
- PoE
- Modbus TCP
- Built in web interface
- Motorized Focus
- Built in fault diagnostics
- REST-API
- MQTT
- Modbus TCP Master
- ONVIF-S
- Pan & Tilt support
- Built in line analytics function
- Built in polyline analytics function
- Built in polygon analytics function
- Multi image streaming
- Compressed 16-bit image streaming
- External Black-body correction

UPGRADE TO EXTENDED FEATURES

VISIBLE CAMERA w/ MSX

- PN: T300295
- 1.2 Megapixel (1280 x 960)
- Cropped based on FOV



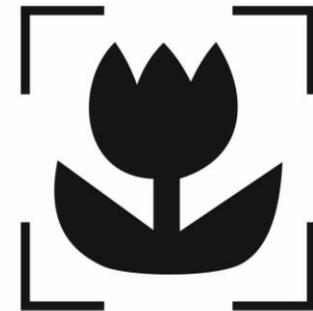
WIFI

- PN: T911850
- Includes Antenna
- IEEE 802.11a/b/g/n



MACRO MODE

- PN: T199609
- ONLY w/ 24° Lens
 - Min focus distance of 60mm
 - A400: iFOV = 100µm/pixel
 - A700: iFOV = 50µm/pixel



ADD ACCESSORIES



- T911850ACC Antenna for WLAN 2.4/5 GHz
- T300268ACC A-series connection board
- T911853ACC Cable M12 to pigtail, 10 m
- T911852ACC Cable M12 to pigtail, 2 m
- T300202 Connector cap kit
- T911855ACC Ethernet cable M12 to RJ45, 10 m
- T911854ACC Ethernet cable M12 to RJ45, 2 m
- T911869ACC Ethernet cable M12 to RJ45F, 0.3 m
- T300163 Hard case for FLIR A400/A700 series
- T300075ACC IP hood for lens
- T951004ACC Ethernet cable CAT6, 2 m/6.6 ft.
- T911183 Gigabit PoE injector 16 W, with multi-plugs
- T199507 Gigabit PoE injector 15 W



The World's **Sixth Sense**®