

[See all 11 Products in Family](#)

Flea®3 FL3-U3-13E4C-C 1/1.8" Color USB 3.0 Camera

See More by [Teledyne FLIR](#)



Stock #87-432 **1 In Stock**

- 1 + €810⁰⁰

ADD TO CART

Volume Pricing	
Qty 1+	€810,00 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Note: This item requires accessories for use | [Learn More](#)

Product Downloads

Color **Spectrum:**

General

Color Camera **Type:**

FL3-U3-13E4C-C

Model Number:

FLIR

Manufacturer:

Flea@3

Camera Series:

Physical & Mechanical Properties

Dimensions (mm):
29 x 29 x 30 (excludes connectors and lens mount)

Weight (g):
41

Housing:
Full

Sensor

Image Buffer:
32MB

Sensor Format:
1/1.8"

Resolution (Megapixels):
1.30

Frame Rate (fps):
60.00

Pixels (H x V):
1,280 x 1,024

Pixel Size, H x V (µm):
5.3 x 5.3

Sensing Area, H x V (mm):
6.78 x 5.43

Imaging Sensor:
e2v EV76C560

Type of Sensor:
Progressive Scan CMOS

Shutter Type:
Global

Pixel Depth:
10 bit

Exposure Time:
16µs - 1s

Dynamic Range (dB):
46.61

Machine Vision Standard:
USB3 Vision v1.0

Electrical

Power Consumption (W):
<3

Hardware & Interface Connectivity

Interface:
USB 3.0

Connector:
USB 3.0, Micro-B with Screw Locks

Power Supply:
Power over USB or via GPIO with [#86-784](#)

GPIOs:
1 opto-isolated input, 2 opto-isolated outputs, 2 non-isolated bi-directional ports

Synchronization:
Hardware Trigger (GPIO) or Software Trigger

Interface Port Orientation:
Back Panel

GPIO Connector Type:
8-pin Hirose (HR25)

Transfer Speed (Gbit/s):
5.00

Threading & Mounting

Mount:
C-Mount

Mounting Threads:
¼-20 with Tripod Mount Adapter [#88-210](#)

Environmental & Durability Factors

Operating Temperature (°C):
0 to +45

Storage Temperature (°C):
-30 to +60

Regulatory Compliance

[Exempt](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Contains SVHC\(s\)](#) **Reach 240:**

Product Details

USB 3.0 cable ([#86-770](#)) is required for operation. Software available for [download](#).

- Compact 29 x 29 x 30mm Design
- Captures Images at up to 150fps
- Image Capture Software and 1/4-20 Tripod Adapter are Included
- [GgE Models](#) Also Available



Teledyne
Authorized
Distributor

FLIR Flea@3 USB 3.0 Cameras are ideal for applications requiring low-cost, high-speed cameras with compact designs. The use of USB 3.0 provides transfer rates of up to 5Gbits/s. To ease integration, image capture software is included for optional download. FLIR Flea@3 USB 3.0 Cameras are capable of capturing images at up to 150fps at 1.3MP resolution. The compact 29 x 29 x 30mm cameras are offered in monochrome or color.

Note: USB 3.0 cable ([#86-770](#)) is required for operation. Software available for [download](#). FLIR was previously known as Point Grey.

Technical Information



