

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

See More by [Teledyne FLIR](#)



Stock #87-432 3-4 DAYS

⊖ 1 ⊕ **£686.80**

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£686.80

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

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Video Output:
USB 3.0

Type:
Color Camera

Manufacturer:
FLIR

Mounting Threads:
1/4-20 with Tripod Mount Adapter [#88-210](#)

Image Buffer:
32MB

Camera Family:
Flea@3

Model Number:
FL3-U3-13E4C-C

Imaging Sensor:
e2v EV76C560

Type of Sensor:
Progressive Scan CMOS

Type of Shutter:
Global

Camera Sensor Format:
1/1.8"

Resolution (MegaPixels):
1.30

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

Frame Rate (fps):
60.00

Pixel Depth:
8/12/16/24 bit

Exposure Time:
16µs - 1s

Connector:
USB 3.0, Micro-B with Screw Locks

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

Power Consumption (W):
<3

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

Synchronization:
Hardware Trigger (GPIO) or Software Trigger

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

Weight (g):
41

Mount:
C-Mount

Housing:
Full

Interface Port Orientation:
Back Panel

Dynamic Range (dB):
46.61

Operating Temperature (°C):
0 to +45

Storage Temperature (°C):
-30 to +60

GPIO Connector Type:
8-pin Hirose (HR25)

Machine Vision Standard:
USB3 Vision v1.0

Transfer Speed (Gbit/s):
5.00

Regulatory Compliance

RoHS 2015:
[Exempt](#)

Reach 224:
[Contains SVHC\(s\)](#)

Certificate of Conformance:
[View](#)

