

Flea®3 FL3-U3-120S3C-C 1/2.3" Color USB 3.0 Camera

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€1.280^{.00}

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

Product Downloads

SPECIFICATIONS

General

FL3-U3-120S3C-C	Model Number:
Color Camera	Type:
Flea®3	Camera Family:
FLIR	Manufacturer:
USB	#Camera Interface:

Physical & Mechanical Properties

29 x 29 x 30 (excludes connectors and lens mount)	Dimensions (mm):
41	Weight (g):
Full	Housing:

Sensor

15.0000000000	Frame Rate (fps):
Sony IMX172	Imaging Sensor:
1.55 x 1.55	Pixel Size, H x V (µm):
4,000 x 3,000	Pixels (H x V):
6.2 x 4.65	Sensing Area, H x V (mm):
8/12/16/24 bit	Pixel Depth:
Rolling with Global Reset	Type of Shutter:
Progressive Scan CMOS	Type of Sensor:
162µs - 0.99s	Exposure Time:
1/2.3"	Camera Sensor Format:
66.46	Dynamic Range (dB):
32MB	Image Buffer:
12.0000000000	Resolution (MegaPixels):
USB3 Vision v1.0	Machine Vision Standard:

Electrical

<3	Power Consumption (W):
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Hardware & Interface Connectivity

USB 3.0, Micro-B with Screw Locks	Connector:
Power over USB or via GPIO with #86-784	Power Supply:
Hardware Trigger (GPIO) or Software Trigger	Synchronization:
USB 3.0	Video Output:
Back Panel	Interface Port Orientation:
1 opto-isolated input, 2 opto-isolated outputs, 2 non-isolated bi-directional ports	GPIOs:
8-pin Hirose (HR25)	GPIO Connector Type:

Threading & Mounting

C-Mount	Mount:
	Mounting Threads:

Environmental & Durability Factors

0 to +45	Operating Temperature (°C):
-30 to +60	Storage Temperature (°C):

Regulatory Compliance

Compliant	Reach 174:
Compliant	RoHS:
View	Certificate of Conformance:

PRODUCT DETAILS

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



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



