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FLIR Flea®3 USB 3.0 Cameras See More by [Teledyne FLIR](#)



- 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



Common Specifications

General

Manufacturer:	FLIR	Camera Series:	Flea®3
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Physical & Mechanical Properties

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

Image Buffer:	32MB
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Sensor Format:	1/1.8"	Resolution (Megapixels):	1.30
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Frame Rate (fps):	60.00	Pixels (H x V):	1,280 x 1,024
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Pixel Size, H x V (µm):	5.3 x 5.3	Sensing Area, H x V (mm):	6.78 x 5.43
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Imaging Sensor:	e2v EV76C560	Type of Sensor:	Progressive Scan CMOS
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Shutter Type:	Global	Pixel Depth:	10 bit
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Exposure Time:	16µs - 1s	Machine Vision Standard:	USB3 Vision v1.0
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Electrical

Power Consumption (W):	<3
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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		

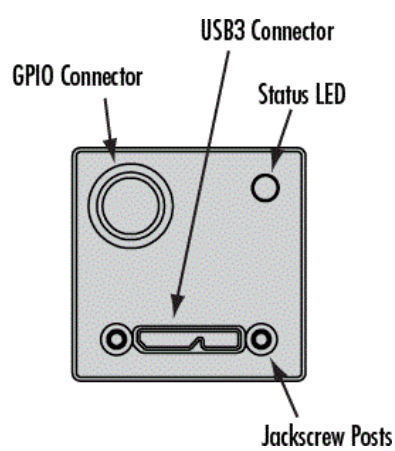
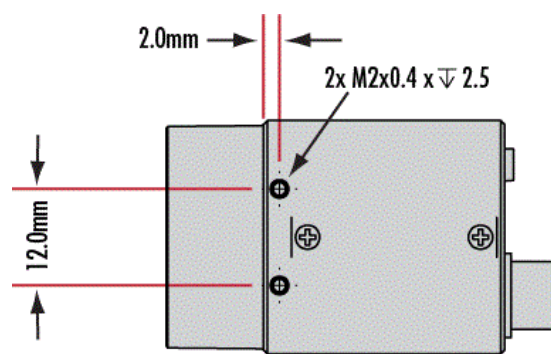
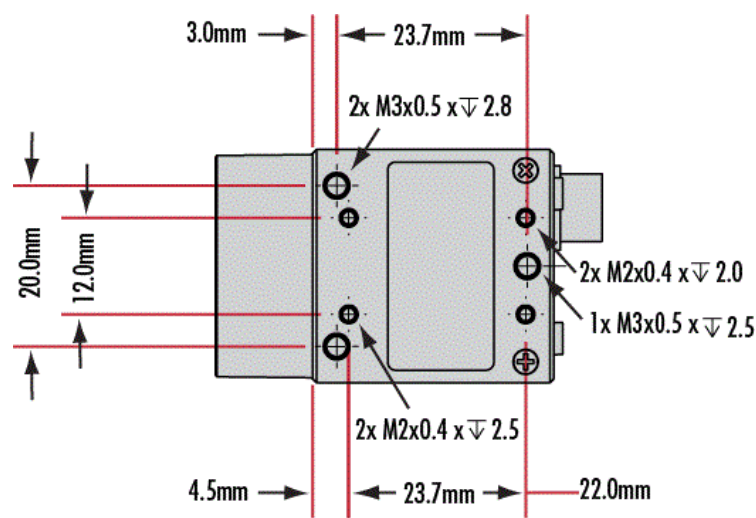
Threading & Mounting

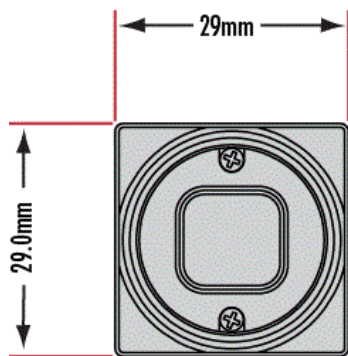
Mount:	C-Mount
Mounting Threads:	1/4-20 with Tripod Mount Adapter #88-210

Environmental & Durability Factors

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

Technical Information





Products

Type	Model Number	Sensor Format	Resolution (Megapixels)	Connector	Mount	Stock Number	Price	Buy
Monochrome Camera	FL3-U3-13E4M-C	1/1.8"	1.30	USB 3.0, Micro-B with Screw Locks	C-Mount	#87-431	£648.00	1 In Stock
Color Camera	FL3-U3-13E4C-C	1/1.8"	1.30	USB 3.0, Micro-B with Screw Locks	C-Mount	#87-432	£648.00	1 In Stock



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