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Teledyne FLIR IIS Grasshopper®3 Cameras See More by [Teledyne FLIR](#)



- Feature High Resolution, High Sensitivity Sensors
- High Frame Rates Driven by USB 3.0 Interface
- Includes Image Capture Software and SDK

Common Specifications

Manufacturer:	FLIR	Camera Series:	Grasshopper@3
Dimensions (mm):	44 x 29 x 57.5 (excludes connectors and lens mount)	Weight (g):	90
Housing:	Full		
Image Buffer:	128MB		
Type of Sensor:	Progressive Scan CMOS	Shutter Type:	Global
Machine Vision Standard:	USB3 Vision v1.0		
Power Consumption (W):	4.5		
Interface:	USB 3.0	Connector:	USB 3.1 Gen 1, Micro-B with Screw Locks
Power Supply:	Power over USB (required for operation) #86-770 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)		
Mount:	C-Mount		

Mounting Threads:

1/4-20 with Tripod Mount Adapter [#88-057](#)

Operating Temperature (°C):

0 to +50

Storage Temperature (°C):

-30 to +60

Technical Information

Products

Type	Model Number	Sensor Format	Resolution (Megapixels)	Connector	Mount	Stock Number	Price
Monochrome Camera	GS3-U3-23S6M-C	1/1.2"	2.30	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#88-607	€1.180,00
Color Camera	GS3-U3-23S6C-C	1/1.2"	2.30	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#88-608	€1.180,00
Color Camera	GS3-U3-32S4C-C	1/1.8"	3.20	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#33-535	€1.155,00
Monochrome Camera	GS3-U3-32S4M-C	1/1.8"	3.20	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#33-534	€1.155,00
Monochrome Camera	GS3-U3-41C6M-C	1"	4.20	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#88-513	€1.540,00
Color Camera	GS3-U3-41C6C-C	1"	4.20	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#88-514	€1.540,00
NIR Camera	GS3-U3-41C6NIR-C	1"	4.20	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#89-526	€1.540,00
Color Camera	GS3-U3-51S5C-C	2/3"	5.00	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#33-539	€1.740,00
Monochrome Camera	GS3-U3-51S5M-C	2/3"	5.00	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#33-538	€1.740,00
Color Camera	GS3-U3-89S6C-C	1"	8.90	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#36-338	€3.395,00

Monochrome Camera	GS3-U3-89S6M-C	1"	8.90	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#36-337	€3.395,00
Monochrome Camera	GS3-U3-123S6M-C	1.1"	12.30	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#36-339	€3.635,00
Color Camera	GS3-U3-123S6C-C	1.1"	12.30	USB 3.1 Gen 1, Micro-B with Screw Locks	C-Mount	#36-340	€3.635,00

Color Camera
 GS3-U3-123S6C-C
 1.1" 12.30
 USB 3.1 Gen 1, Micro-B with Screw Locks
 C-Mount

[#36-340-RCD-05P Recertified](#)

€3.470,00



Recertified

Stock No.: 36-340-RCD-05P
 Recertified Code: 05P (All Original Parts Included, Perfect)

Recertified Products

Typically 1-2 Recertified Products are in stock at a time. Please contact our sales team if you would like exact availability of an item.

Recertified products are those identified with the recertified logo indicating they were returned to Edmund Optics® and cannot be sold as new for the following reasons:

- Open Box – Missing original packaging
- Cosmetic Blemishes – Scratches, rub marks or other minor cosmetic imperfections
- Service/Repair – Product has been serviced to the factory original specification
- Factory Returns – Product has been returned in its original condition

Recertified products are inspected for damage and any necessary repairs are made. Products are then certified by Edmund Optics® to be in good working order. Since quantity is low, recertified products are sold on a first come, first serve basis. Any imperfections will be listed in the description, indicated in the stock number, and categorized by the table below. When purchasing recertified products, the Edmund Optics® standard [return policy](#) applies.

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Parts		Cosmetic	
05	All Original Parts Included	P	Perfect
04	Missing Manual	N	Minor Defect/Scratches
03	Missing Manual and Small Accessory	J	Major Defect/Scratches
02	Missing Manual		

and Large
Accessory



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