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



- USB3 Connectivity
- Lightweight Construction
- Compact Design


Teledyne
Authorized
Distributor

Common Specifications

General

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

Dimensions (mm):	44 x 35 x 22.1 (excludes connectors and lens mount)	Weight (g):	54.9
Housing:	Full		

Sensor

Image Buffer:	16MB		
Type of Sensor:	Progressive Scan CMOS	Shutter Type:	Global
Machine Vision Standard:	USB3 Vision v1.0		

Electrical

Power Consumption (W):	Not Specified
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Hardware & Interface Connectivity

Connector:	USB 3.1 Gen 1, Micro-B with Screw Locks	Power Supply:	Power over USB or via GPIO
GPIOs:	1 opto-isolated input, 1 opto-isolated output, 2 non-isolated bi-directional ports	Interface Port Orientation:	Side Panel
GPIO Connector Type:	9-pin JST		

Threading & Mounting

Mount:	CS-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

Technical Information

Products

Type	Model Number	Sensor Format	Resolution (Megapixels)	Connector	Mount	Stock Number	Price	Buy
Monochrome Camera	CM3-U3-13Y3M-CS	1/2"	1.30	USB 3.1 Gen 1, Micro-B with Screw Locks	CS-Mount	#33-162	€415,00	4 In Stock
Color Camera	CM3-U3-13Y3C-CS	1/2"	1.30	USB 3.1 Gen 1, Micro-B with Screw Locks	CS-Mount	#33-163	€415,00	1 In Stock
Monochrome Camera	CM3-U3-31S4M-CS	1/1.8"	3.20	USB 3.1 Gen 1, Micro-B with Screw Locks	CS-Mount	#36-075	€575,00	1 In Stock
Color Camera	CM3-U3-31S4C-CS	1/1.8"	3.20	USB 3.1 Gen 1, Micro-B with Screw Locks	CS-Mount	#36-076	€575,00	14 In Stock
Monochrome Camera	CM3-U3-50S5M-CS	2/3"	5.00	USB 3.1 Gen 1, Micro-B with Screw Locks	CS-Mount	#36-077	€890,00	3 In Stock
Color Camera	CM3-U3-50S5C-CS	2/3"	5.00	USB 3.1 Gen 1, Micro-B with Screw Locks	CS-Mount	#36-078	€890,00	1 In Stock



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