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

- USB3 Connectivity
- Lightweight Construction
- Compact Design

Teledyne
Authorized
Distributor

Common Specifications

General

Manufacturer:	FLIR	**Camera Family:**	Chameleon®3

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	**Type of Shutter:**	Global
Machine Vision Standard:	USB3 Vision v1.0		

Electrical

Power Consumption (W):	Not Specified

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

Mounting Threads:	¼-20 with Tripod Mount Adapter #88-210
Mount:	CS-Mount

Environmental & Durability Factors

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

Technical Information

Products

Type	Model Number	Camera 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	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	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	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	3-4 days
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	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	In Stock

Edmund optics | worldwide