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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	
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	
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:		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	CM3-U3-13Y3M-CS	1/2"	1.30	USB 3.1 Gen 1, Micro-B with Screw Locks	CS-Mount	#33-162	₹41,500	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	₹41,500	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	₹57,500	Contact Us
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	₹57,500	3 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	₹89,000	Contact Us
Color Camera	CM3-U3-50S5C-CS	2/3"	5.00	USB 3.1 Gen 1, Micro-B with Screw Locks	CS-Mount	#36-078	₹89,000	16 In Stock
						#70-323 New		
								
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Color Camera	CM3-U3-13Y3C-S-BD	1/2"	1.30	USB 3.1 Gen 1, Micro-B with Screw Locks	S-Mount (M12 x 0.5)		₹41,500	2 In Stock

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Monochrome Camera	CM3-U3-13Y3M-S-BD	1/2"	1.30	USB 3.1 Gen 1, Micro-B with Screw Locks	S-Mount (M12 x 0.5)	₹41,500	2 In Stock
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