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CM3-U3-31S4M-CS 1/1.8" Chameleon®3 Monochrome Camera

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USB 3.0 FLIR Chameleon Camera



Stock **#36-075** 3-4 DAYS



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€574,00

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Video Output:
USB 3.0

Type:
Monochrome Camera

Manufacturer:
FLIR

Mounting Threads: ¼-20 with Tripod Mount Adapter #88-210
Image Buffer: 16MB
Camera Family: Chameleon@3
Model Number: CMB-U3-31S4M-CS
Imaging Sensor: Sony IMX265
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 1/1.8"
Resolution (MegaPixels): 3.20
Pixels (H x V): 2,048 x 1,536
Pixel Size, H x V (µm): 3.45 x 3.45
Sensing Area, H x V (mm): 7.07 x 5.3
Frame Rate (fps): 55.00
Pixel Depth: 12 bit
Exposure Time: 11µs - 32s
Connector: USB 3.1 Gen 1, Micro-B with Screw Locks
Power Supply: Power over USB or via GPIO
Power Consumption (W): Not Specified
GPIOs: 1 opto-isolated input, 1 opto-isolated output, 2 non-isolated bi-directional ports
Synchronization: Hardware Trigger (GPIO)
Dimensions (mm): 44 x 35 x 22.1 (excludes connectors and lens mount)
Weight (g): 54.9
Mount: CS-Mount
Housing: Full
Interface Port Orientation: Side Panel
Dynamic Range (dB): 69.19
Operating Temperature (°C): 0 to +45
Storage Temperature (°C): -30 to +60
GPIO Connector Type: 9-pin JST
Machine Vision Standard: USB3 Vision v1.0

Regulatory Compliance

RoHS 2015: Exempt
Reach 224: Contains SVHC(s)
Certificate of Conformance: View