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Flea®3 FL3-U3-120S3C-C 1/2.3" Color USB 3.0 Camera

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Connector:
USB 3.0, Micro-B with Screw Locks

Frame Rate (fps):
15.0000000000

Imaging Sensor:
Sony IMX172

Model Number: FL3-U3-120S3C-C
Mount: C-Mount
Operating Temperature (°C): 0 to +45
Pixel Size, H x V (µm): 1.55 x 1.55
Pixels (H x V): 4,000 x 3,000
Sensing Area, H x V (mm): 6.2 x 4.65
Dimensions (mm): 29 x 29 x 30 (excludes connectors and lens mount)
Mounting Threads: ¼-20 with Tripod Mount Adapter #88-210
Type: Color Camera
Weight (g): 41
Power Consumption (W): <3
Power Supply: Power over USB or via GPIO with #86-784
Pixel Depth: 8/12/16/24 bit
Type of Shutter: Rolling with Global Reset
Synchronization: Hardware Trigger (GPIO) or Software Trigger
Video Output: USB 3.0
Storage Temperature (°C): -30 to +60
Type of Sensor: Progressive Scan CMOS
Exposure Time: 162µs - 0.99s
Camera Sensor Format: 1/2.3"
Dynamic Range (dB): 66.46
Image Buffer: 32MB
Housing: Full
Resolution (MegaPixels): 12.0000000000
Camera Family: Flea®3
Manufacturer: FLIR
Interface Port Orientation: Back Panel
GPIOs: 1 opto-isolated input, 2 opto-isolated outputs, 2 non-isolated bi-directional ports
#Camera Interface: USB
GPIO Connector Type: 8-pin Hirose (HR25)
Machine Vision Standard: USB3 Vision v1.0

Regulatory Compliance

Reach 174: Compliant
RoHS: Compliant
Certificate of Conformance: View

