

Lumenera INFINITY 5-5 Microscopy Monochrome Camera

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Video Output:
USB 3.1 Gen 1 (HDMI)

Type:
Monochrome Microscopy Camera

Manufacturer:
Teledyne Lumenera

Mounting Threads:
2 x 1/4-20 (Integrated into Housing)

Image Buffer: Not Specified
Camera Family: INFINITY
Model Number: INFINITY5-5M
Imaging Sensor: Sony IMX250
Type of Sensor: Progressive Scan CMOS
Type of Shutter: Global
Camera Sensor Format: 2/3"
Resolution (MegaPixels): 5.10
Pixels (H x V): 2,464 x 2,056
Pixel Size, H x V (µm): 3.45 x 3.45
Sensing Area, H x V (mm): 8.5 x 7.09
Frame Rate (fps): 75.00
Pixel Depth: 8/12 bit
Exposure Time: 14µs - 14s (video)
Power Supply: Power over USB
Power Consumption (W): 4
GPIOs: Not Specified
Synchronization: Hardware Trigger (GPIO)
Dimensions (mm): 97.8 x 69.8 x 50.8 (excludes lens mount)
Weight (g): 330
Mount: C-Mount
Housing: Full
Interface Port Orientation: Side Panel
Dynamic Range (dB): 72
Operating Temperature (°C): 0 to +50
Storage Temperature (°C): -30 to +70
GPIO Connector Type: 8-pin Hirose (MRX)

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View