

Lumenera INFINITY 2-1R Microscopy Monochrome Camera

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Video Output:
USB 2.0

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: INFINITY2-1R
Imaging Sensor: Sony ICX205
Type of Sensor: Progressive Scan CCD
Type of Shutter: Global
Camera Sensor Format: 1/2"
Resolution (MegaPixels): 1.40
Pixels (H x V): 1,392 x 1,040
Pixel Size, H x V (µm): 4.65 x 4.65
Sensing Area, H x V (mm): 6.47 x 4.84
Frame Rate (fps): 30.00
Pixel Depth: 8/14 bit
Exposure Time: 48µs - 500ms (video)
Power Supply: Power over USB
Power Consumption (W): 2.5
GPIOs: N/A
Synchronization: N/A
Dimensions (mm): 97.8 x 69.8 x 50.8 (excludes lens mount)
Weight (g): 340
Mount: C-Mount
Housing: Full
Interface Port Orientation: Side Panel
Dynamic Range (dB): 64.6
Operating Temperature (°C): 0 to +50
Storage Temperature (°C): -30 to +70
GPIO Connector Type: None

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View