

Lumenera INFINITY 3S-1UR Microscopy Monochrome Camera

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Video Output:
USB 3.0

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: INFINITY3S-1UR
Imaging Sensor: Sony ICX825
Type of Sensor: Progressive Scan CCD
Type of Shutter: Global
Camera Sensor Format: 2/3"
Resolution (MegaPixels): 1.40
Pixels (H x V): 1,392 x 1,040
Pixel Size, H x V (µm): 6.45 x 6.45
Sensing Area, H x V (mm): 8.98 x 6.71
Frame Rate (fps): 60.00
Pixel Depth: 8/14 bit
Exposure Time: 23µs - 1.3s (video)
Power Supply: Power over USB
Power Consumption (W): 6
GPIOs: N/A
Synchronization: Hardware Trigger (GPIO)
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): 70
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