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Lumenera INFINITY 8-3M Microscopy Monochrome Camera

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Stock **#25-352** **1 In Stock**

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+

C\$4,900⁰⁰

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Monochrome	Spectrum:
General	
Monochrome Microscopy Camera	Type:
i8-LM00-03M	Model Number:
Teledyne Lumenera	Manufacturer:

INFINITY		Camera Series:
Physical & Mechanical Properties		
Dimensions (mm):		41.5 x 45 x 45 (includes lens mount)
Weight (g):		108
Housing:		Full
Sensor		
Image Buffer:		128MB
Sensor Format:		2/3"
Resolution (Megapixels):		2.90
Frame Rate (fps):		62.00
Pixels (H x V):		1,944 x 1,472
Pixel Size, H x V (µm):		4.5 x 4.5
Sensing Area, H x V (mm):		8.75 x 6.62
Imaging Sensor:		Sony IMX429
Type of Sensor:		Progressive Scan CMOS
Shutter Type:		Global
Pixel Depth:		8/12 bit
Dynamic Range (dB):		72
Electrical		
Power Consumption (W):		2.3 - 3.6
Hardware & Interface Connectivity		
Interface:		USB 3.1
Power Supply:		Power over USB
GPIOs:		Not Specified
Synchronization:		Hardware Trigger (GPIO)
Interface Port Orientation:		Side Panel
GPIO Connector Type:		9-pin Hirose (JST)
Threading & Mounting		
Mount:		C-Mount
Mounting Threads:		M3x0.5 (Integrated into Housing)
Environmental & Durability Factors		
Operating Temperature (°C):		0 to +50
Storage Temperature (°C):		-30 to +70
Regulatory Compliance		
Certificate of Conformance:		View

Product Details

- Exceptional Low Light Sensitivity
- Ideal for Life Sciences, Clinical, and Industrial Applications
- Affordable Price Point with Included Microscopy Software



Teledyne Lumenera INFINITY8 Microscopy Cameras offer an affordable solution for low light imaging in a compact form factor. Featuring low noise and large pixels, these cameras are ideal for a wide range of lighting conditions including the low light levels common in fluorescence imaging. Available with 1/1.8", 2/3", and 1" sensor sizes and megapixel range of 2 – 20 MP, each camera is compatible with Windows and Mac operating systems. Teledyne Lumenera INFINITY8 Microscopy Cameras include an INFINITY ANALYZE 7 software license, for camera operation and immediate analysis of the imaging results, and 3m Micro-B to Type-A USB cable.