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Lumenera INFINITY 8-2M Microscopy Monochrome Camera

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+

A\$3,400^{.00}

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Monochrome	Spectrum:
General	
Monochrome Microscopy Camera	Type:
i8-LM00-02M	Model Number:
Teledyne Lumenera	Manufacturer:

INFINITY		Camera Series:
Physical & Mechanical Properties		
Dimensions (mm):		
41.5 x45 x45 (includes lens mount)		
Weight (g):		
108		
Housing:		
Full		
Sensor		
Image Buffer:		
128MB		
Sensor Format:		
1"		
Resolution (Megapixels):		
1.70		
Frame Rate (fps):		
96.00		
Pixels (H x V):		
1,608 x 1,104		
Pixel Size, H x V (µm):		
9.00 x 9.00		
Sensing Area, H x V (mm):		
14.47 x 9.94		
Imaging Sensor:		
Sony IMX432		
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.