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Lumenera INFINITY 8-2M Microscopy Monochrome Camera

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£1,700⁰⁰

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SPECIFICATIONS

Monochrome

Spectrum:

General

Monochrome Microscopy Camera

Type:

i8-LM00-02M	Model Number:
Teledyne Lumenera	Manufacturer:
INFINITY	Camera Series:
Physical & Mechanical Properties	
41.5 x 45 x 45 (includes lens mount)	Dimensions (mm):
108	Weight (g):
Full	Housing:
Sensor	
128MB	Image Buffer:
1"	Sensor Format:
1.70	Resolution (Megapixels):
96.00	Frame Rate (fps):
1,608 x 1,104	Pixels (H x V):
9.00 x 9.00	Pixel Size, H x V (µm):
14.47 x 9.94	Sensing Area, H x V (mm):
Sony IMX432	Imaging Sensor:
Progressive Scan CMOS	Type of Sensor:
Global	Shutter Type:
8/12 bit	Pixel Depth:
72	Dynamic Range (dB):
Electrical	
2.3 - 3.6	Power Consumption (W):
Hardware & Interface Connectivity	
USB 3.1	Interface:
Power over USB	Power Supply:
Not Specified	GPIOs:
Hardware Trigger (GPIO)	Synchronization:
Side Panel	Interface Port Orientation:
9-pin Hirose (JST)	GPIO Connector Type:
Threading & Mounting	
C-Mount	Mount:
M3x0.5 (Integrated into Housing)	Mounting Threads:
Environmental & Durability Factors	
0 to +50	Operating Temperature (°C):
-30 to +70	Storage Temperature (°C):
Regulatory Compliance	
View	Certificate of Conformance:

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.
