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Lumenera INFINITY 8-2M Microscopy Monochrome Camera

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Stock #25-350 **1 In Stock**

- 1 + MRP ₹2,25,675

i Price inclusive of all taxes

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Monochrome

Spectrum:

General

Monochrome Microscopy Camera

Type:

i8-LM00-02M

Model Number:

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:**
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](#)**Country of Origin:**
Canada**Imported By:**
Edmund Optics India Private Limited

Product Details

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



Teledyne
Authorized
Distributor

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.
