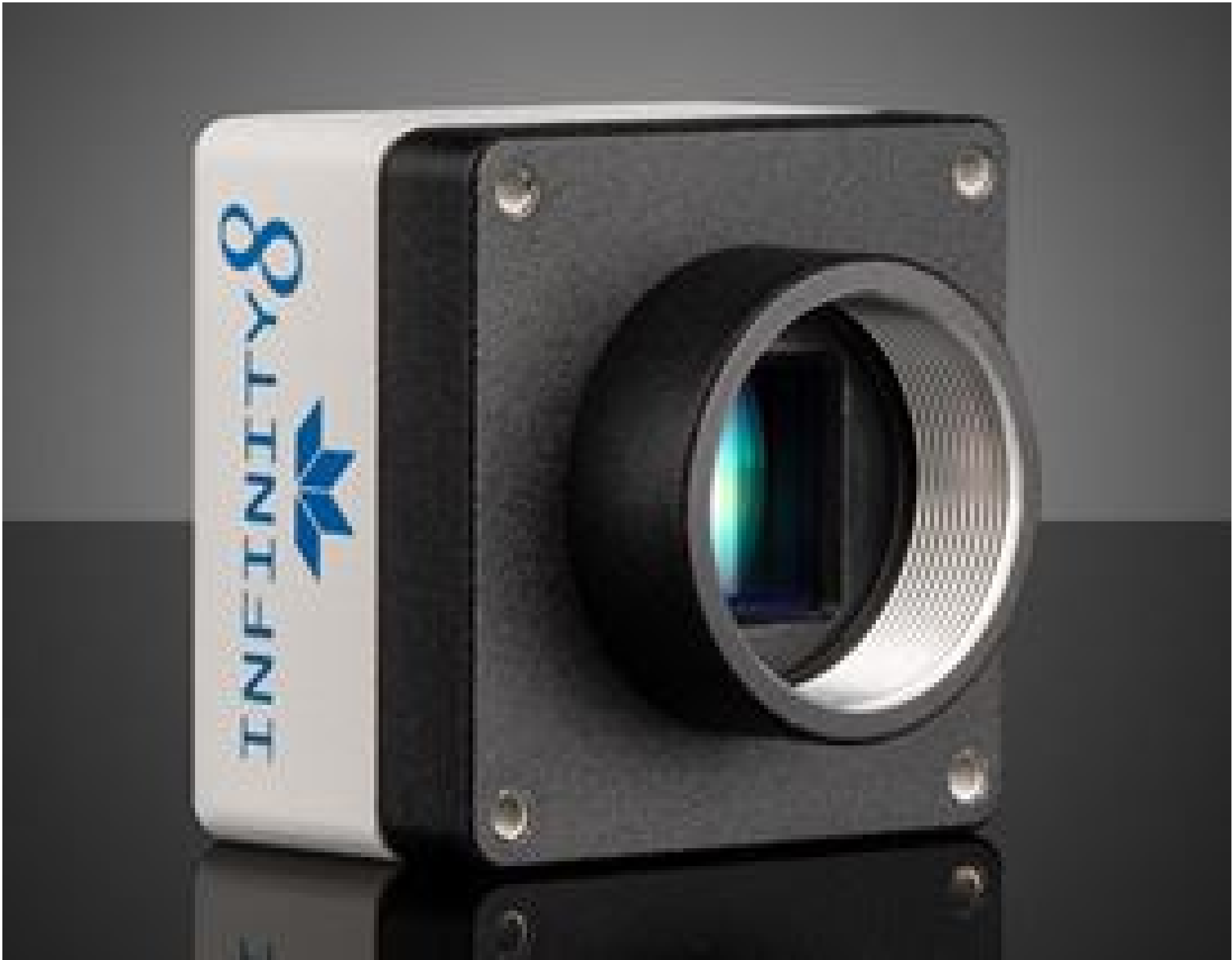


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# Lumenera INFINITY 8-2M Microscopy Monochrome Camera

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1

+

€2.125<sup>00</sup>

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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     |                             |
| 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                |                             |
| <a href="#">View</a>                 | 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.