

INFINITY 1-2

2.0 Megapixel CMOS USB 2.0 Camera

Scientific digital imaging for documentation in
Clinical and Material Science Applications



INFINITY 1-2

Within the INFINITY 1 family of CMOS cameras, the INFINITY 1-2 is an excellent entry level multi-megapixel microscopy camera. This camera is ideal for applications with bright, consistent lighting and tight budget constraints. The INFINITY 1-2 delivers outstanding image quality for a wide variety of scientific applications including clinical, life science, materials science and educational professionals.

Excellent Color Reproduction

Years of experience in the microscopy market have allowed Lumenera to develop specialized color algorithms ensuring excellent color reproduction in samples ranging from stained cells to wafer inspection.

Full Image Analysis Software Included

INFINITY CAPTURE, an intuitive image capture program, and INFINITY ANALYZE, a full image analysis package offering; camera control, measurement, annotations, tiling and post capture enhancement, are both included. Camera and software are combined to create a complete microscopy imaging solution for your application.

USB 2.0 Plug-and-Play Interface

Once the software has been installed, running one or more cameras on a single computer is as simple as plugging them into a high-speed USB 2.0 port.

Third-Party Software Integration

INFINITY cameras are integrated into a variety of third-party software packages through direct drivers or with TWAIN/DirectX support.

Mac Camera Software

A Mac camera driver, capture application and ImageJ plug-in are available for the INFINITY 1-2. Please refer to the Lumenera webpage at www.lumenera.com for up-to-date details.

Superior Technical Assistance Center (TAC)

As a Lumenera customer you gain access to the TAC group and knowledge base, which provide full support for cameras, software and microscopy applications.

Features

- Progressive scan 1/2" 2.0 megapixel CMOS sensor
- Full color sub-windowing and subsampling for rapid focus and scanning of samples
- 8 or 10-bit pixel data modes
- Software compatible with Windows XP, Windows Vista, Windows 7 and Mac OSX, 32 and 64-bits
- Includes TWAIN and DirectX/ Direct Show support

Recommended Applications

- Brightfield
- Live Cell Imaging
- Histology
- Pathology
- Cytology
- Defect Analysis
- Semiconductor Inspection
- Metrology

Warranty

- One (1) year parts and labor

Microscope Coupler

- Requires 0.5x C-mount coupler

