

# INFINITY<sup>HD</sup>

1080p60 HD Microscopy Camera

High Definition CMOS Color Camera  
with HDMI Output



## **INFINITY<sup>HD</sup>**

INFINITY<sup>HD</sup> microscopy camera is a full featured, stand alone, high definition scientific imaging solution offering full 1080p60 preview with superb color reproduction and extremely fast frame rates. Operate the camera by directly connecting to an HDMI monitor without connecting to a PC, or utilize the plug-and-play USB 2.0 for image capture. With extremely fast response times, the INFINITY<sup>HD</sup> quickly reacts to lighting changes in any life science, clinical or material application.

## **Superior Color**

Years of experience in the microscopy market have allowed Lumenera to develop specialized algorithms ensuring unsurpassed color reproduction. This results in a sample preview on a monitor that closely matches the view on the microscope eyepiece.

## **Frame Rate**

The INFINITY<sup>HD</sup> camera provides the required 60 fps needed for true high definition, unlike many competitors professing to be HD but offering considerably lower frame rates. This allows for smooth sample manipulation on the preview without any lag.

## **INFINITY<sup>HD</sup> Software**

The included INFINITY<sup>HD</sup> software allows for image capture. The software is intuitive and can be set up in minutes. Once the camera is initially installed, the camera can run independently or used via the high-speed USB 2.0 connection.

## **Superior Technical Assistance Center (TAC)**

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

## **Features**

- 1/3" (16:9) CMOS 2 megapixel sensor
- 1080p60 high definition format 1920 x 1080
- Direct output to HDMI monitor
- 3 on-camera buttons for power, white balance and capture
- Optional USB 2.0 output to PC
- INFINITY<sup>HD</sup> software compatible with Windows XP, Vista, Windows 7, 32 and 64-bit, for image capture

## **Recommended Applications**

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

## **Warranty**

- One (1) year parts and labor

## **Microscope Coupler**

- Requires 0.33 x, 0.4 x or 0.5 x coupler

