


AVEN

*High Performance Precision Tools and Optical Inspection Systems
for Industrial, Scientific and Research Applications*

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Tuesday, January 27th, 2009

Come and see Aven at MDM West, February 10-12, 2009 at the Anah

Infinity 2 CCD Color Camera 3.3 Megapixel


[larger image](#)

Lumenera's INFINITY2-3 digital CCD color camera offers excellent sensitivity and high resolution. This is an ideal camera for brightfield, darkfield, and DIC imaging applications where higher resolution archiving and a wide dynamic range are routinely required. With 2080 x 1536 resolution and on-board processing, the INFINITY2-3 delivers outstanding image quality for a wide variety of scientific applications.

Live video preview provides for real-time focus while auto exposure and auto white balance efficiently captures your optimal image. The INFINITY2-3 is fully supported by Lumenera's INFINITY CAPTURE and INFINITY ANALYZE software. An intuitive user application provides camera controls while full integration to popular third-party imaging applications is available through our TWAIN drivers. The USB 2.0 digital interface ensures a simple

plug-and-play installation – and one standard cable minimizes camera clutter. No framegrabber required. The INFINITY2-3 camera is supported by an experienced team of technical support and imaging experts. We understand your imaging needs and are here to help you get the most out of your camera.

CAMERA SENSOR

Image Sensor 1/1.8" Interline Sony ICX262 3.3 megapixel color progressive scan CCD sensor
 Effective Pixels 2080 x 1536, 3.45µm square pixels
 Frame Rate 5 fps at full resolution, higher fps with binning and ROI
 Digital Output 8 and 12-bit
 Read Noise 12 e- rms
 Readout Frequency 22.5 MHZ
 Dimensions 2.25 x 3.85 x 1.56 inches (enclosed)

CAMERA CONTROLS

Integration Time 1/1000 to 16 sec.
 Shutter Interlaced
 ROI User Selectable through mouse click and drag
 Auto Exposure Automatic / Manual
 White Balance Automatic / Manual

Gain Programmable / 1 to 10x optimizable
Interface Connector Standard USB 2.0 high-speed interface
Dimensions (L x W x H) 3.85 x 2.00 x 2.75 inches
Lens Mount C-Mount lens adapter
Binning Options 2x2, 3x3, 4x4
Mass ~300 g
Power Requirement USB 2.0 bus power, or external 5VDC - 500 mA
Power Consumption ~2.5Watts
Operating Temperature 0° C to +50° C
Operating Humidity 5%-95%, Non-condensing

Downloadable Documents

-  [Infinity Caputre & Analyze](#)

Model: 26100-222

Shipping Weight: 1.5lbs

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