Infinity 1 CMOS USB Color Camera 3.1 Megapixel



larger image

Lumenera's INFINITY*1-3* digital camera is designed to be a cost-effective, versatile solution for documentation and archiving of clinical, life science, material science images where higher resolution is routinely required. With 2048x1536 resolution and on-board processing, the INFINITY*1-3* delivers outstanding image quality for a wide variety of scientific applications. Live video preview provides for real-time focus. INFINITY*1-3* auto exposure and auto white balance efficiently captures your optimal image. The INFINITY*1-3*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.

INFINITY*1-3* 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	1/2" format, CMOS, color, 6.5mm x 4.9mm array
Effective Pixels	2048 x 1536, 3.2µm square pixels
Frame Rate	12 fps at 2048x1536, 120fps at 640x480
Dynamic Range	>60dB
Digital Output	8 and 10-bit uncompressed
Read Noise	20 e- rms

CAMERA CONTROLS

Integration Time	1/1000 to 3 sec.
Shutter	Rolling shutter with single frame capture
ROI	User Selectable
Auto Exposure	Automatic / Manual
White Balance	Automatic / Manual
Gain	Programmable / 1 to 10X optimizable
Interface	USB 2.0 high speed interface
Dimensions (L x W x H)	3.85 x 2.00 x 2.75 inches
Mass	300g
Power Requirement	USB 2.0 bus power, or external 5VDC - 500mA
Power Consumption	~2.5Watts
Operating Temperature	0° C to +50° C
Operating Humidity	5%-95%, Non-condensing

PRINT

Downloadable Documents

- Infinity Caputre & Analyze

Model: 26100-216
Shipping Weight: 1.5lbs

Add to Cart: 1

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