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**: ~2.5 Watts
- **Operating Temperature**: 0° C to +50° C
- **Operating Humidity**: 5%-95%, Non-condensing
Downloadable Documents

- Infinity Capture & Analyze

Model: 26100-216
Shipping Weight: 1.5lbs