



Outline

See the difference megapixel makes!

Lumenera's USB 2.0 camera is the perfect compliment for your professional ID card system. Specifically designed for photo ID, the new Lu176 provides ease of use for fast, accurate, color image capture within high volume imaging applications.

True plug-and-play with any laptop or desktop - connect the camera directly into your computer's USB port using a standard cable. Powerful integration with photo card management software providing just one-step ('click') for image crop and capture. The end result is no special training required to set-up or operate the camera!

Uncompressed images in live video mode provide quick photo-subject alignment. Strobe lighting provides high quality pictures in every lighting condition. Automatic adjustment of exposure and white balance provides accurate depiction of skin tones.

Interchangeable C-Mount lens offers flexibility in shorter/longer working distances. Does not require a capture card - single USB cable, video and camera control.

All Lumenera products are supported by an experienced team of imaging experts. Products come with a full one (1) year warranty.

Performance Features

- Captures images instantly
- Uncompressed pictures provide sharp edges and bright accurate colors
- Live video preview
- Single-click image crop and capture
- Auto white-balance, auto exposure
- Superb sensitivity
- High resolution image capture
- 1280x1024 pixel array
- Synchronized flash included
- High speed USB 1.0 and USB 2.0 interface
- Simplified cabling: Video and camera control over a single USB cable
- Dimensions 6" x 3" x 2" (WxHxD)
- Standard tripod mount
- Ruggedized aluminum enclosure
- Included 16mm lens ideal for 4'-6' working distances
- TWAIN and DirectShow compliant
- One year warranty

Image Sensor	1/2" format
Effective Pixels	1280x1024 square pixels
Frame Rate	30 fps at 640x480
Sensitivity	High
Dynamic Range	54dB
Exposure	Auto/Manual
White Balance	Auto / Manual
Dimensions (W x H x D)	4.50 x 2.50 x 1.75 inches (not including lens)
Mass	300g
Power Requirement	External 9VDC, 500mA power supply included
Power Consumption	~2.5 Watts
Operating Temperature	0°C to +50°C
Operating Humidity	0% - 95%, Non-condensing
Interface Connector	Standard USB
Lens Mount (Lens not included)	Interchangeable C-Mount
Optical Lens	16mm lens provided (manual focus / fixed iris)

Minimum PC Requirements

- 400MHz Intel or AMD CPU
- 32MB RAM (64MB recommended)
- SVGA Monitor at 800 x 600 resolution
- USB1 or USB2 port
- CD ROM Drive
- Software compatible with MS Windows 98 SE, ME, 2000 and XP

Ordering Information

- Lu176C – USB 2.0 Color Camera
- LuSDK – Software Developer's Kit

Full customization available to meet your exact needs!