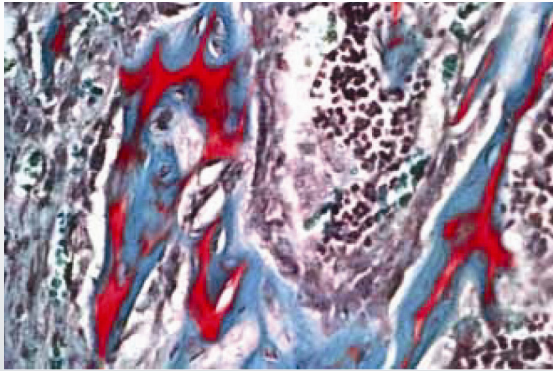


AU-X-32C CCD DIGITAL MICROSCOPY CAMERA

The 32 megapixel AU-X-32C pixel shifting camera, offers incredible flexibility in capturing images at 2, 8, 16, and 32 megapixel resolution.

Using the patented DeltaVu™ technology, each CCD pixel captures full chromatic information, resulting in increased color resolution with no degradation. The AU-X-32C is the first pixel shifting camera to utilize the highly sensitive SONY ICX274 sensor. Its relatively low cost makes it an affordable tool for clinical, life and material sciences where megapixel resolution, color accuracy, and light sensitivity are essential.



Live video preview provides for real-time focus, while auto exposure and auto white balance help efficiently capture your optimal image. Software control provides exposures from 67us through to 2 seconds. An intuitive user application provides camera control, while full integration to popular third-party imaging applications is available through our TWAIN drivers. The USB digital interface ensures a simple plug-and-play installation – and one standard cable minimizes camera clutter. No framegrabber is required.

Every INFINITY AU camera includes *INFINITY ANALYZE* software for advanced camera control, image processing, measuring and annotation, and 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.



Performance Features

- 32 megapixel resolution is achieved through shifting a color or monochrome sensor with a 1616X1216 pixel array
- Users will have the flexibility of choosing between 2, 8, 16 and 32 megapixel resolution on capture, taking full advantage of their microscope optics
- Highly sensitive, low noise CCD with remarkable color quality for the most demanding applications
- Full color sub-windowing allows for rapid focus and scanning of samples: 12 fps at full 1616X1216 resolution, 25 fps at smaller regions of interest
- 8 / 12-bit selectable output format
- The RGB data captured through each pixel contains 36-bits of color image information resulting in 4096 intensity values per color
- Camera control through INFINITY CAPTURE, an intuitive user interface, resulting in rapid image capture, archiving and documentation for high throughput applications
- INFINITY ANALYZE software for advanced camera control, image processing, measurement, annotation and archiving
- Easy and flexible installation on your PC through a standard, high-speed USB 2.0 interface
- Compatible with Windows 2K, Windows XP, Windows Vista operating systems

ACCU-SCOPE®
Quality thru Vision

UNITRON®
EXCELLENCE BY DESIGN
SINCE 1952

Specifications — AU-X-32C

Camera Sensor

Image Sensor	1/1.8" Interline Sony ICX274 2.0 megapixel color or monochrome progressive scan CCD
Effective Pixels	1616x1216, 4.4µm square pixels
Frame Rate	12 fps at full resolution, 25 fps at 640x480
Dark Current (e-/s)	12 e-
Digital Output	8 and 12-bit uncompressed
Dynamic Range	>66dB
Dimensions (L x W x H)	3.85 x 2.00 x 2.75 inches

Camera Controls

Mass	300g
Power Requirement	USB bus power, or external 5VDC — 2.5A
Power Consumption	~2.5 Watts
Operating Temperature	0° C to +50° C
Operating Humidity	5% -95%, Non-condensing
Integration Time	.067ms to 2 seconds
Shutter	Global Electronic Shutter
Auto Exposure	Automatic / Manual
White Balance	Automatic / Manual
Gain	Programmable / 1 to 10x
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	Adjustable C-Mount lens adapter

Design, features and specifications are subject to change without notice.

Recommended PC Specs:

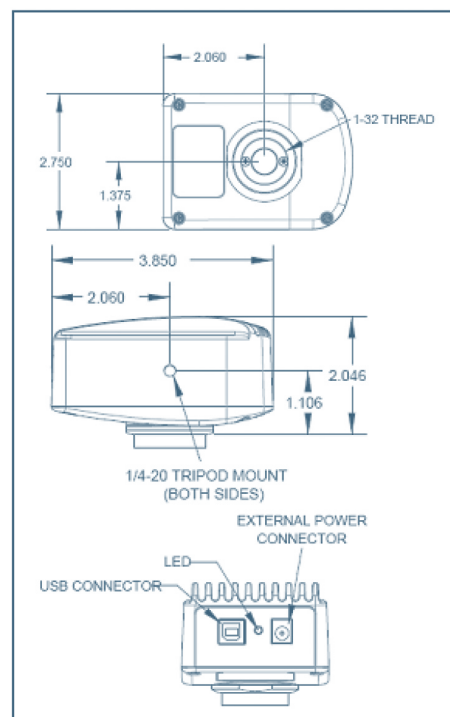
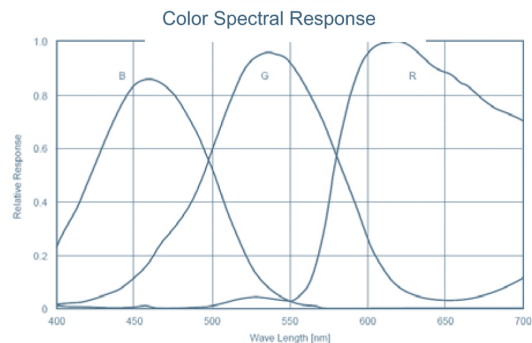
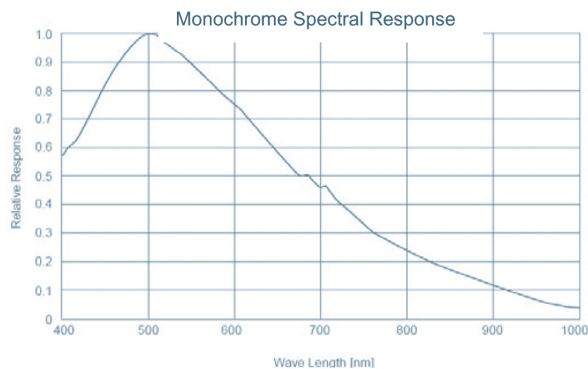
- Pentium 4, 1.3 GHz or higher
- 512MB RAM
- 60 MB hard drive free space or more
- USB 2.0 Port
- Windows 2000, XP, Vista

Minimum PC Specs:

- 600 MHz Processor
- 256 MB of SDRAM
- 20 MB hard drive free space
- Windows XP or 2K

Product Includes:

- AU-X-32C INFINITY digital camera for USB 2.0
- CD-ROM with INFINITY user application software
- TWAIN driver
- Documentation
- USB 2.0 cable
- Power supply with international adapters



Mac Plug-In Available

- A Mac Plug-In for all ACCU-SCOPE/UNITRON cameras is now available
- Compatible with Mac OS 10.4 (requires Quick Time V7)
- Contact ACCU-SCOPE/UNITRON to download the latest version



ISO 9001 Certification

Design and production adheres to ISO9001 international quality standard.

ISO 14001 Certification

Design and production meets the requirements of international standard ISO 14001 for environmental management.



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