



For Diagnostic PACS and Teleradiology Applications

The Radlink LaserPro 16™ is a high-performance, small footprint laser film digitizer designed for primary diagnostic applications that demand high accuracy digital image reproduction. The digitizer accepts film up to 14in. x 52 in. (355cm x 1320cm). The LaserPro 16™ offers all of the inherent advantages of laser film digitizers with excellent optical density and precise spatial resolution.

The LaserPro 16™ digitizer offers high-contrast sensitivity over a wide optical density range. This provides accurate capture of subtle image detail even in dark or overexposed film images.

Consistent Image Quality

Utilizing Sealed Optic™ laser technology, the LaserPro 16™ is designed to provide consistently high image quality without the downtime and expense of periodic cleanings and adjustments associated with conventional laser digitizers, for the life of the scanner.

The LaserPro 16™ delivers the performance, image quality and reliability expected from a high-end laser digitizer, at an affordable price made possible by our innovative Sealed Optic™ scan technology.

Resolution and Geometry

Film images are converted to high-resolution digital images of up to 3072 x 3850 pixels over a 14 in. x 17 in. film. 16-bit digitization provides precise grayscale accuracy throughout an optical density range of 0.0 to 4.0. Only a laser digitizer can deliver this high degree of precision. The LaserPro 16™ is the best choice for high-resolution PACS and Teleradiology applications where diagnostic quality is imperative. Only the LaserPro16's "sealed optic" technology provides "point source illumination" at each discrete pixel site. Image geometry is perfect to within + or - one pixel from film corner-to-corner. Point source illumination also maximizes low contrast sensitivity ensuring accurate capture of subtle image features characteristic of chest films.

Film Auto Loader

Radlink's 12-film auto loader maximizes staff productivity. The trouble free bin-load design virtually eliminates film jams and missfeeds and the hinged loading trays provide quick-and-easy operation.

Learn More

For more information about the Radlink LaserPro 16™ film digitizer, or the Radlink Laser Acquisition/Distribution System, contact your authorized dealer of Radlink products.

Or visit
www.eradlink.com

LaserPro 16™

Auto Film Loader

The most advanced laser digitizer made for high resolution, diagnostic PACS and Teleradiology.



System Specifications

Laser Type

Solid State 670 nm
Sealed Optic™ path (no optical cleaning or adjustment required)

Optical Density Range

0.0 to 4.0

Geometry

Perfect Geometry to ± one pixel, X and Y axis over the entire film

Resolution

Up to 3072 pixels per scan line (116-micron pixels)
16-bit grayscale

Interface

Interface to Host - USB
DICOM - Storage SC

Scan speeds, (14" x 17" film)

1K Scan Mode - 13 seconds
2K Scan Mode - 26 seconds
3K Scan Mode - 39 seconds

Film Size

up to 14" x 52" (355cm x 1320cm)
OS Supported
Windows XP, 2000, NT, ME, 98

Physical Specifications

Weight - 26 pounds

Dimensions -

17.75"(w) x 12"(h) x 11.25"(d)
Power 100 - 240 VAC,
47 to 63 Hz, 3.2 Amps Max.

Table Top or Wall Mount

Integration: Plug and Play

Automated Installation

Configurations Compliant with: DICOM,
USB and Windows Standards

Service and Maintenance

Overnight Express Replacement (under current service agreement)

Sealed Optic™ design eliminates the need for periodic cleanings and re-calibration

New

Sealed Optic™ path
No optical laser calibration or adjustments
Ready for mobile & remote applications
Half the components of other lasers

A Total Solution

Bundled Radlink Image Acquire™ acquisition and distribution software for a turn-key solution
Fully DICOM compliant, standard input device into your PACS

Film Auto Loader

Integrated design
Ergonomic design
12 - bin flip hinge
Bin loader eliminates miss-feeds

© 2002 Radlink, Inc. All rights reserved. Specifications and product / service offerings are subject to change without notification.

Distributed By:

Biomedical Equipment Corp.
2606 NW 97th Ave.
Doral, FL 33172
305-463-9447 T
305-463-9451 F
www.4biomed.com

 **Radlink**
Digital Image Acquisition