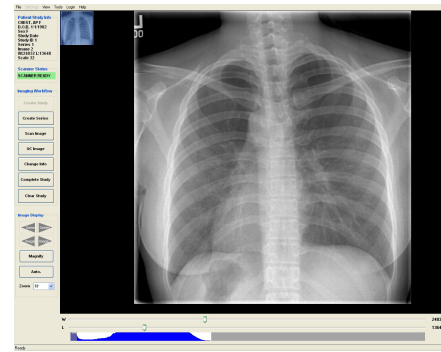




CR Pro™
Advanced CR
for enhanced
productivity



CR Pro™



Pro Imaging™ Integrated Acquisition, Quality Control, Post Processing, and Distribution

**Diagnostic Imaging
& Teleradiology**

The CR Pro™ is a high-productivity, small footprint, 16 bit CR system designed for all primary diagnostic radiology applications. The CR Pro™ is fully automatic and accepts a variety of cassette sizes.

Advanced Image Plate Handling

To maximize the useful life of costly image plates, the CR Pro™ uses a flat backing plate in standard size cassettes to eliminate bending and to minimize the risk of damaging the plate by handling it.

Consistent Image Accuracy

The 16 bit sealed fiber-optic laser technology of the CR Pro™ consistently provides excellent image quality, with minimal need for field service. The CR Pro™ cost of ownership is superior to its competitive products in the market.

Integrated System

The CR Pro™ includes an embedded CPU for image acquisition and QC functions, DICOM Print, Modality Image Routing, Worklist, Local

Archive (250 GB), CD Burner, and flat panel display. Installation and training for the integrated solution can be completed in one day. The solution is simple and will fit into any workflow environment — whether stand alone, PACS or Teleradiology.

System Mobility

The sealed fiber-optic laser technology allows the CR Pro™ to be used as a stand-alone, console-based unit on wheels that can easily be moved if necessary.

Pro Imaging™ Integrated Acquisition, Quality Control, Post Processing, and Distribution Software

Our Pro Imaging™ Acquisition software for the CR Pro™ imaging device enables the acquisition of filmed images from your medical enterprise, provides quality control and post-processing functions, and enables the distribution and routing of DICOM images throughout your medical enterprise. Radlink Pro Imaging applications are user friendly and intuitive. A workflow-driven GUI

that quickly and easily guides the clinician through the workflow process. Pro Imaging™ also provides a comprehensive suite of DICOM image transmission and image management features.

Modality Worklist

Modality Worklist provides direct access to patient information contained in your HIS/RIS database. By using this information to automatically populate the fields in the GUI, operator input errors are minimized and productivity is greatly enhanced. The clinician can simply access the PACS database and automatically insert the patient information, scan, and send.

CD Burning / DICOM Print

Digitized film images and multimodality studies can be burned to CD. Since the Radlink CD Burning application uses DICOM Part 10 format, the CD can be easily loaded onto any DICOM compliant device such as PACS or Image viewing system. Print digital images directly to a DICOM or Postscript printer.

System Specifications

Supported Plate Sizes
10" x 12"
14" x 17"

Grayscale Resolution
16 bits per pixel image acquisition

Resolution
2800 pixels per scan line
125 micron dot size
8 pixs/mm

Throughput
10" x 12" - 51 plates/hr
14" x 17" - 40 plates/hr

Digitizer Type
Cassette Loader, Auto Erase

Integrated Software
Image Acquisition
Preview Images
Image Post Processing
Image Manipulation
DICOM 3.0 Image Routing and Transmission
DICOM Print
DICOM Modality Worklist
DICOM part 10 CD Burner

Embedded Workstation
Intel Pentium CPU or equivalent processor
250+ GB hard drive
Minimum of 512 KB memory
17" monitor
1024 x 768 Display at 16-bit color
10/100 BASE Ethernet
USB 2.0
Windows XP Operating System

Output devices
DICOM Printer
Postscript Printer
CD Writer
Radlink Pro Imaging™ Image Archive

Integration and Configuration
User installable system

Automated Wizard
User-friendly automated installation
Host configuration utility with multiple host designation routing features for image broadcast communication

Compliance & Compatibility
Windows and USB compliant
DICOM compliance enables simple integration into your PACS or Teleradiological system
Radlink DICOM software facilitates seamless acquisition, distribution and viewing of images with any DICOM compliant viewer

Communications
Image Acquire configurable to any LAN or IP address
Image broadcast supports multiple routing scenarios

Certifications
TUV HRTL, TUVT, CE, FCC

Power
100-240 VAC, 47-63 Hz

Physical Specifications

CR Type
Console, Portable

Dimensions
26.5" (w) x 21" (d) x 42" (h)
without monitor

Footprint
3.86 Sq. Ft.

Weight
190 lbs.

Options

Touch-screen monitor
Local Image Archive
2 - 250GB hard drive - mirrored
Radlink Pro Imaging™ Archive



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