



CR Pro™

User-Friendly CR for Enhanced Productivity

Overview

The Radlink CR Pro system is a high-productivity CR system designed for all primary diagnostic radiology applications. The CR Pro is fully automatic and accepts a variety of cassette sizes. This flexible, easy-to-use system fits into any workflow environment, whether standalone with PACS or Teleradiology.

Reliable and cost-effective

The CR Pro's 16-bit sealed fiber-optic laser technology provides consistent image quality and minimal need for service. Radlink's technology prolongs cassette life and allows images to be erased after each use, allowing cassettes to be reused time and time again.

Fully integrated system makes images easy to transmit, QC, and store

The CR Pro includes everything necessary to acquire, transmit, QC and store images:

- Embedded Windows 7 Professional CPU
- Local PACS inside CR Pro
- 22" touchscreen monitor
- DICOM print capability
- CD/DVD burner
- Save as jpeg capability
- Mounted on wheels for mobility

Universally compatible

- The Radlink CR Pro is compatible with any brand X-ray generator
- The Radlink PACS inside CR Pro is DICOM compatible with any other PACS/EMR brand



Intuitive, time-saving software

Our software provides image quality control and post-processing functions and enables distribution and routing of DICOM images throughout your healthcare network. Radlink Pro Imaging applications are user-friendly and intuitive – a workflow-driven software developed with physicians and radiology staff in mind that quickly and easily guides the clinician through the process.

Modality Worklist provides maximum efficiency

The Radlink CR Pro syncs to any EMR/HIS/RIS Modality Worklist and can query existing patient information. This capability saves your operators time when entering basic patient information and eliminates the possibility for typing errors.

Easy remote diagnosis consultation

Radlink's CR Pro is used in healthcare networks across the globe to connect rural hospital clinic sites to large urban hospitals where further advanced diagnosis may be performed by physician specialists.

Installation and support

Installation and training for CR Pro can be completed in one day. A Radlink technician will help you configure the system to communicate with external PACS and Modality Worklist. Radlink's Technical Support Team provides ongoing customer support.

System Specifications

Supported Plate Sizes:

- 8" x 10"
- 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 pixels/mm

Throughput:

10" x 12": 51 plates/hour

14" x 17": 40 plates/hour

Digitizer Type:

Cassette Loader, Auto Erase

Software Functions:

- Image acquisition
 - Image preview
- Image post-processing
 - Window level
 - Markers
 - Line/angle measurements
- Image manipulation
- DICOM 3.0 image Transmission
 - PACS Routing
- DICOM Print
- DICOM Modality Worklist
- DICOM CD/DVD Burner
- Free *Radlink Lite* software for patients to view DICOM images

Embedded CPU:

- 3.3 GHZ
- 2GB of RAM
- Dual 1TB Hard Drives (RAID 1)
- Windows 7 Professional (32-bit)
- Stores ~ 80,000 DICOM images

Output Devices:

- Radlink PACS
- CD/DVD Burner
- DICOM Printer

Power:

100-240 VAC, 50-60 HZ, 5 A

Communications:

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

Compliance:

- FDA 510(K) clearance since 2005
- No device recalls
- UL electrical certification
- DICOM compliant storage and transmission
- Supports C-store SCP/SCU, C-Find SCU, C-Move SCU, WADO

Dimensions:

26.5" (w) x 21" (d) x 42" (h)

Weight:

98 lbs.

Order Information

CR Pro 2200: Includes built-in PACS with local image archive, two 1TB disks mirrored (RAID 1)

CR Pro 2100: Does not include built-in PACS. Saves to external hospital or private office PACS

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