KONICA MINOLTA

ImagePilot CR System
The Physician's Digital Radiography Solution

Maximize And Modernize Your Imaging Workflow With Revolutionary CR Technology

Now you can easily convert your practice to digital radiography with the ImagePilot CR System. This single system solution is specifically designed for private practice offices and clinics.

ImagePilot CR is the newest technology in CR imaging. It simplifies CR image acquisition to the push of a button. This is made possible by AutoPilot Image Processing which completely automates the image optimization process. With AutoPilot, you get consistently superb images with every exposure.

In addition, ImagePilot pioneers the true meaning of an integrated CR system. It combines patient registration, CR acquisition, image viewing and storage in one system that is easy to use and maintain. These advanced features eliminate the need for a separate PACS.

A Complete Solution for Converting to Digital Radiography!

ImagePilot CR includes:
Imaging Station

- Patient registration
- One click image acquisition—AutoPilot
- Image review with annotation and measurement tools
- CD/DVD burning for distributing and archiving exams
- Diagnostic report and referral option
- Local image storage with backup and remote storage options
- Optional Client Stations for image review in exam rooms or for patient registration

Cutting Edge Nano CR Reader

- Superior image quality
- User serviceability
  - Cassette release handle to remove jammed cassette—no service call necessary
  - Optical unit "sweeper" for cleaning CR optics and maintaining image quality
- Unique maglev linear motor technology increased reliability and longer life
- Does not require changes to the x-ray room—simply use the CR cassettes instead of film cassettes

ImagePilot CR

The essentials of imaging

"Going Digital" with ImagePilot Computed Radiography

The value of "Going Digital" is well known. The benefits include the elimination of wet processing chemicals, the reduction of retakes and the consistent production of high quality images. Now there is no need to be concerned about the learning curve associated with new technology. ImagePilot CR eliminates these concerns. The built in AutoPilot Image Processing eliminates steps and allows users to produce consistent, high quality images out of the box with minimal instruction. The user interface is simple, easy to use, yet feature rich.

Nano CR (REGIUS 110) Reader Specifications*

Exposure Size	14 x 17", 14 x 14", 11 x 14", 10 x 12", 8 x 10", 18 x 24 cm, 24 x 30 cm, 15 x 30 cm
Processing Capacity	60 plates per hour (14 x 17")
Digital Gradation Level	4,096 levels (12 bit grayscale output)
Cycle Time	59 seconds
Outer Dimensions and Weight	W29.1" x D14.4" x H29.4" / Approximately 220 lbs.

Imaging Station Specifications*

Hardware Specifications	IBM PC Intel Core 2 Duo 2.13GHz Processor, 2GB RAM, and 500GB x 2 Hard Drives with RAID 1 kit, 21" 2MP or 24" 2.3MP Color Monitor, Built-in CD/DVD burner
Storage Capacity	500GB configuration: 25,000 to 77,000 images Optional extended archive: additional NAS more than doubles online storage capacity (actual number of images depends on image sizes used in exams)
Image Input	Nano CR (REGIUS 110) Reader Import DICOM or JPEG images from media (CD, DVD and USB drive)
Image Output	DICOM Print, up to 4 destinations (optional) Windows printing on paper Export JPEG images to media (CD, DVD and USB drive) Export images to CD/DVD in DICOM PDI format with Viewer DICOM Store to PACS, up to 4 destinations (optional) Export multiple patients to one CD/DVD (optional)
Diagnostic Report Tool	Create reports or referral letters (optional) (referral requires Microsoft Word)
Image Processing	AutoPilot Image Processing with body-site-independent algorithms and self learning of image adjustments by user
Onsite Disaster Recovery	Optional NAS backup of the hard drive and extended storage NAS
Client Stations	Maximum of ten clients connected with maximum of four clients running concurrently

ImagePilot CR Client Specifications

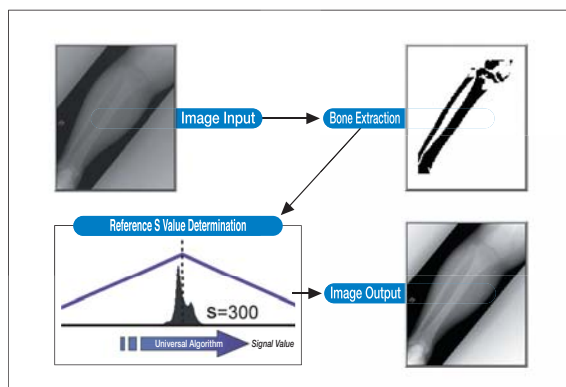|	
Hardware Specs	IBM PC Pentium IV 2.66GHZ, 1GB RAM and 160GB HD with Built-in CD/DVD burner, 21" 2MP or 24" 2.3MP Color Monitor (specifications subject to change)
Software	ImagePilot Client software - accesses data from the Imaging Station
Software Only Option	Minimum Hardware / OS Requirements: PC–Pentium IV 2.66GHZ or higher, 1GB RAM, 160GB HD and CD/DVD RW Microsoft Windows XP Pro and Microsoft Internet Explorer version 6.0 or higher. Color Monitor with at-least 1280 x 1024 screen resolution.

The following options and features are available on the Client Stations

Software Features*
The features included depend on the license(s) purchased and how the ImagePilot is configured. This list shows all available options and features.

Patient Registration
Image Acquisition
Image Review – including magnification, annotations, measurements, layout and window leveling tools
Export JPEG images to media (CD, DVD and USB drive)
Export images to CD/DVD in DICOM PDI format
Import DICOM or JPEG images from media
DICOM Store to PACS
Diagnostic Report Tool
Windows printing to paper
DICOM printing

*Specifications are subject to change without notice.

Revolutionary CR With AutoPilot Image Processing

AutoPilot Image Processing is based on a simple but innovative technique that works off the fact that bone provides the most stable and consistent x-ray response of any anatomy. By establishing the density value of the anatomy around a fixed bone density, the entire image can be processed using one universal algorithm. This patented technique eliminates the need for the user to define and select image processing for each body part and orientation. AutoPilot image processing also learns the user preference, and applies these adjustments to refine the image quality of future images.

A Truly Integrated CR System

With patient registration, image acquisition, clinical review, and image storage all in one simple system, ImagePilot CR offers an easy-to-use, efficient solution for your digital radiography needs.

KONICA MINOLTA MEDICAL IMAGING USA, INC.
411 NEWARK POMPTON TURNPIKE
WAYNE, NJ 07470
TEL: (973) 633-1500 FAX: (973) 523-7408
WEBSITE: medical.konicaminolta.us

©2008 Konica Minolta

KONICA MINOLTA