



KONICA MINOLTA

ImagePilot CR System The Physician's Digital Radiography Solution



Modernize Your Imaging Workflow With Revolutionary CR Technology

Now you can convert your practice to digital radiography with the ImagePilot CR System. It is specifically designed for Private Practice Offices.

ImagePilot CR is the newest technology in CR imaging. It simplifies CR image acquisition to a push of a button. This is made possible by AutoPilot Image Processing, which completely automates the image optimization process.

In addition, ImagePilot pioneers the true meaning of an integrated CR system, as it combines CR acquisition, patient registration, image viewing and storage in one easy to use and maintain system.

A Complete Solution for Private Practice Clinics!

ImagePilot CR includes:

Imaging Station

- Patient Registration
- AutoPilot Image Processing that enables One Step acquisition of high quality digital X-Ray images.
- Image Review with productivity tools
- CD/DVD burning for distribution and archiving of exams—No more missing films.
- Local Storage and Remote Storage (via DICOM Send)—frees up film storage space.
- Additional Clients for reviewing images in exam rooms.
- Intelligent Device Monitoring for maximum uptime

Cutting Edge Nano CR Reader

- Superior image quality
- User operated cassette release handle to remove jam
- Optical unit sweeper enables self maintenance for pristine image quality and extends product lifetime
- Unique linear motor technology with fewer moving mechanisms for reliability and longer life.
- Does not require changes to the X-Ray Room. Simply use the CR Plates instead of Film Screen.

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. However, users may often be concerned with the learning curve associated with new technology adoption. 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.

REGIUS Model 110 CR 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 CoreDuo2 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	Approximately 18,000 images
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 Windows Printing on Paper Export JPEG images to media (CD, DVD and USB drive) Export DICOM images to CD/DVD with DICOM PDI format and optional PDI Viewer DICOM Send to PACS, up to 4 destinations
Image Processing	AutoPilot Image Processing with body-site-independent algorithms and self learning of image adjustments by user
Onsite Disaster Recovery	Optional NAS Backup Storage for approximately 18,000 images
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
Software	Image Review Software using Smart Client Technology
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

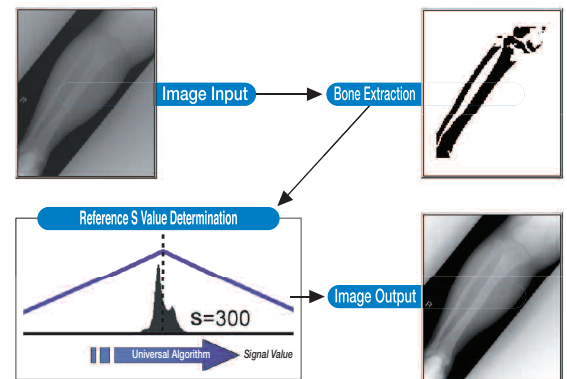
The following features are available on the Imaging Station and the Client Stations

Software 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 DICOM images to CD/DVD with DICOM PDI format and optional PDI Viewer Import DICOM or JPEG images from Media (CD, DVD and USB drive) DICOM Send to PACS Windows Printing on Paper DICOM Printing
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*Specifications are subject to change without notice.

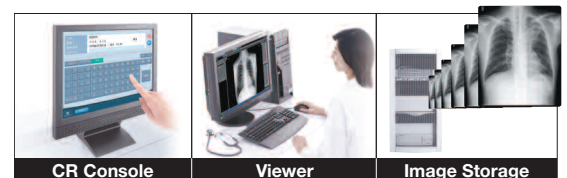
Revolutionary CR With AutoPilot Image Processing

AutoPilot Image Processing is based on a simple but revolutionary discovery that bone provides the most stable and consistent x-ray response of any anatomy. Therefore, by establishing the density value of the anatomy around a fixed bone density, the entire image can be processed with one universal algorithm. This patented technique eliminates the need for the user to define and select specialized algorithms 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

ImagePilot CR, with Image Acquisition, Review and Storage function combined, offers a cost-effective system that is easy to use and maintain. Better operability promotes efficiency.



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