

Solutions Page Content

ImagePilot

Primary keywords:
Digital radiography
Computed radiography
Image viewing and storage

Solution Description

ImagePilot

For facilities with medium volume imaging, Konica Minolta's original all-in-one ImagePilot solution combines reliability and superior throughput. This workhorse CR system provides basic X-ray image acquisition to complete PACS functionality in one easy-to-use system.

ImagePilot Overview

The ImagePilot system includes the versatile ImagePilot all-in-one acquisition and PACS software with the award winning REGIUS 110 Computed Radiography reader. The performance and reliability of this solution can serve the need of busy offices for years to come.

ImagePilot simplifies CR image acquisition with 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.

ImagePilot exemplifies the true meaning of an integrated CR system. It combines patient registration, CR acquisition, image viewing, and long-term storage in one system that is easy to use and maintain. These advanced features eliminate the need for a separate PACS. Plus, converting your practice to digital with ImagePilot is simple and seamless as it utilizes your existing X-ray equipment.

Features

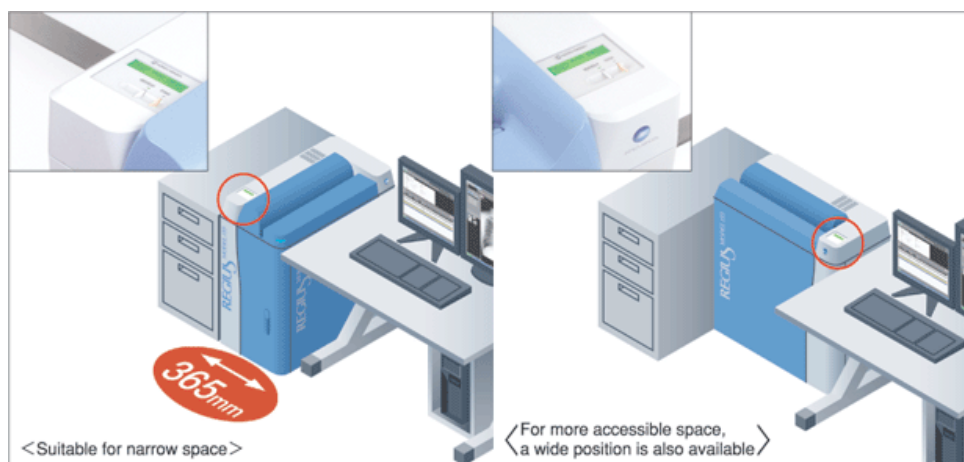
ImagePilot – featuring the REGIUS 110 CR reader

The ImagePilot CR system includes the REGIUS 110 – Konica Minolta's award-winning, stationary plate, single bay CR reader.

- Superb 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

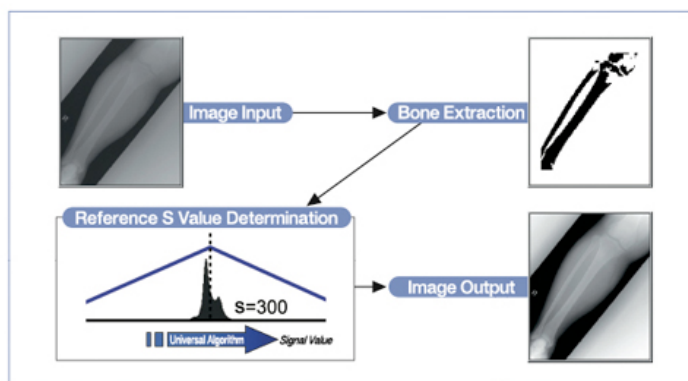


The REGIUS 110 CR features a floor-standing compact design with a footprint of only 2.87 ft² which makes it easy to position in offices with limited space.



ImagePilot's AutoPilot Image Processing – this advanced imaging algorithm eliminates the need to specify details about the exam that other systems require for proper image processing. The advantages of these time-saving features are:

- Consistent, superb image quality, regardless of technique or body part
- Better workflow – only one click and a superb image is displayed. Other systems require multiple steps prior to acquiring the exam view.
- Fewer mistakes – because of the single click solution, there is no wasted time correcting views due to mixed up cassettes. ImagePilot does not care what is on the cassette. It figures it out.
- Self learning – ImagePilot takes it a step further and learns the end users' specific preferences for viewing different types of images. This improves the experience even more.



All-in-one solution – by combining acquisition, review, and storage into one system, ImagePilot eliminates the need for a separate PACS.. The benefits of this attribute are many:

- Simpler workflow
- Shorter learning curve for new users
- Consistent user interface at every station
- One manufacturer for smoother support – no finger pointing between multiple vendors
- Expandable functionality – grows with your needs



ImagePilot Workflow Highlights

- Patient Registration
- One click image acquisition—AutoPilot

- Image Review with annotation and measurement tools
- CD/DVD burning for distribution and archiving of exams
- Diagnostic report and referral option
- Local image storage with backup and remote storage options
- Distributed workflow to client stations for image review in exam rooms or other locations
- ImagePilot Viewer - Zero Footprint Viewer – Use an iPad or laptop to easily view images from any room in the office.



Konica Minolta, Top Ranked Computed Radiography Vendor – Hospital grade quality, performance, and reliability now available for the small office and clinic.

MD Buyline – Rated #1

Since 2005 customers have recognized that Konica Minolta provides high quality products and services! We have consistently scored well above the average of other competitors for CR!

• .

Specs

ImagePilot

Computer System	Workstation class servers – configuration depends on specific ImagePilot model
Storage Capacity	500GB HDD to 2TB RAID 5 HDD Optional extended storage: additional NAS can more than doubles online storage capacity
Image Input	REGIUS Sigma II Reader Import DICOM or JPEG images from CD/DVD or files (optional) DICOM Store SCP for use with other modalities (optional)
Image Output	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 Export multiple patients to one CD/DVD (optional) DICOM Print, up to 4 destinations (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
Cloud-based Automatic	Informity Data Bank for automatic, real-time backup of patient and

Backup – disaster recovery	system data (optional)
Onsite Disaster Recovery	NAS backup of the hard drive (optional)
Client Stations	Maximum of 20 clients connected with maximum of seven clients logged-in concurrently (inclusion varies with specific model)

ImagePilot CR Client Specifications

Software Only Option	Minimum Hardware/OS Requirements: PC–Pentium IV 2.66GHZ or higher, 2GB RAM, 250GB 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.

REGIUS 110 CR Reader

Dimensions: 29.1" (W) x14.4" (D) x29.4" (H)
Footprint: 2.87 Sq. Feet
Weight: 220 lbs.

Scanning Resolution

Standard Resolution: 175 μ m
Plates per hour: 40, 60, or 76 (14x17")
Cycle Time: 90, 60, or 48 seconds respectively
Output: 12 bit grayscale
Networking: Auto sensing 100/1000 mbps Network Interface

