



KONICA MINOLTA

ImagePilot

### REGIUS Model 110 Reader Specifications

Cassette 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	62 plates per hour (14x17")
Digital Gradation Level	4096 levels (12 bit grayscale output)
Cycle Time	58 seconds Cycle Time
Outer dimensions and Weight	W29.1 x D14.4" x H29.4" / Approx. 220 lbs – W740 x D365 x H747mm / approx. 100kg

### Imaging Station Specifications

Hardware Specifications	PC Intel CoreDuo2 2.13GHz Processor, 2GB RAM, 2 500GB Hard Drives RAID 1 configuration Built-in CD/DVD burner 19" Color Monitor (other sizes optional)
Storage Capacity	Approximately 30,000 images (CR, 14" x 17")
Image Input	REGIUS 110 Reader or REGIUS 190 and up to 4 additional DICOM modalities Import DICOM or JPEG images from media (CD, DVD and USB drive)
Image Output	DICOM Print, up to 5 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 5 destinations
Image Processing	Automatic Image Processing
Nearline Storage Extension	Optional NAS Storage Extension
Onsite Backup Option	Optional NAS Backup Storage
Client Stations	Maximum of 5 clients with a maximum of 5 concurrent connections

### ImagePilot Client Station Specifications

Hardware Specs	PC Pentium IV 2.66GHZ, 1GB RAM and 160GB HD with Built-in CD/DVD burner 19" Color Monitor (other sizes optional)
Software	Image Review Software using Smart Client Technology

### 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

The ImagePilot from Konica Minolta  
A completely new concept in  
veterinary digital image capture.



KONICA MINOLTA

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The essentials of imaging

## Introducing the revolutionary ImagePilot. Just the job for vets.

The new processing software provides the best possible image first time, every time.

Konica Minolta have developed a unique processing method whereby image data is optimised without the need to select animal type, body part or body part size. This greatly improves the speed and success rates for the 'ideal image' every time.

The one to one configuration communicates with any Konica Minolta CR system, from the compact Regius 110 to the high capacity Regius 190.

The workstation can perform multiple tasks including window and level adjustment, edge enhancement, measurement and annotation of images.

It can further handle image data from a variety of digital image sources such as CR, CT, MR and Ultrasound.



Monitor shown is a 21" model.

## ImagePilot. The benefits all add up.

- It's complex and highly intelligent but with an intuitive and user-friendly interface.
- Steps are fully automated from acquisition to Image display and output.
- A unique image processing concept eliminates inefficient 'algorithm' selection.
- It can support multiple modality image display such as CT, MR and Ultrasound.
- Images are exportable to archive platforms and CD (JPG, BMP, DICOM and PDI formats).
- ImagePilot has a 19" landscape or portrait, single monitor (other sizes or dual monitor optional).



## Simple operability ImagePilot makes it easy.

- Images are acquired from the Konica Minolta CR system.
- Password log-in ensures data and image security.
- Search and Registration fields are provided to quickly find the demographic data.
- CR images are rapidly processed and displayed before output.
- The system supports NAS and DICOM storage. Local HD, approximately 30,000 images (CR, 14" x 17")
- Image optimisation if required including annotation, calibration and magnification.
- Possibility of up to 10 DICOM outputs (up to 5 store destinations and 5 printers)
- Customized paper report on standard printer.

### Konica Minolta unique features

- A unique non-contact plate scan and transport mechanism ensures the plate life is extended considerably. Other CR systems remove the plate from the cassette which can lead to damage and require replacement.
- Image processing software is provided to carry out all of the image manipulation that may be required. This includes standard processing such as density and contrast adjustment but also image masking, annotation, free text overlay, formatting and destination selection.
- Additionally we provide our specialised Hybrid post-processing algorithms which allows the image to be edge enhanced, electronically masked and frequency processed. This maximises the image information available from the CR without compromising diagnosis.
- Our unique image processing means that you can avoid lengthy set-up procedures. The processing optimises every image irrespective of the size, shape or density of the area under examination.

## Workflow in four quick steps.



1

The animal data is input into the appropriate data field on the console.



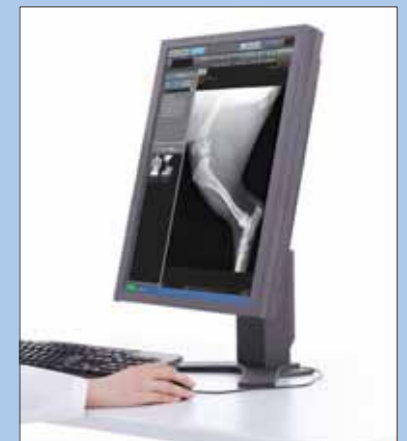
2

An x-ray exposure is made on an Imaging Plate.



3

The plate is inserted directly into the reader.



4

The image is displayed at the console in less than 30 seconds.