



Affordable, performance-rich computed radiography. The DIRECTVIEW Vita SE CR System is the next generation in computed radiography solutions designed to fit the needs of small to medium-sized healthcare facilities and clinics. This CR system provides fast and easy access to quality images at an affordable price. The small footprint provides the capability to perform diagnostic imaging functions at the point of patient care. Users can choose from different scanning modes and image looks to suit their clinical application.

This compact system includes a single-plate CR reader, flexible phosphor screens, and a PC-based review station. It is suitable for both centralized and decentralized workflow environments and can be used right in the exam room.

Advantages at a glance

- Compact and lightweight design means it will fit almost anywhere
- Easy to install, use and service
- Able to integrate with software applications
- Capture long bone images





Flexibility and Versatility

The Vita SE CR System is a robust, lightweight tabletop system that provides throughput of over 60 plates per hour (14 x 17 cassette) in standard resolution and has an optional high-resolution scanning mode when additional image detail is required. With the flexibility to choose from five different image looks, you are able to customize your image preferences for different exams.

Mounted on a wheeled Z-cart (optional), it can be conveniently rolled into any situation where instant digital images are needed, and because it is lightweight, the Vita SE CR System is a perfect fit for mobile applications.

Productivity

The Quality Control Software that drives the Vita SE CR System, is designed to streamline clinical workflow and maximize productivity.

Long-Length Imaging

Using a double-ended 14" x 33" cassette, the automatic long-length imaging software option allows you to capture long bone images on a single screen. Image processing algorithms are applied to optimize the image and the result is a single image for diagnosis. With no manual alignment required, this fully integrated automatic stitching software can enhance your workflow.

Quality

State of the art image processing is used on the Vita SE CR System and is designed to provide high-quality images that meet your diagnostic needs.

Connectivity and Scalability

With its DICOM 3.0 capability, the system can be seamlessly integrated with a broad variety of printers, modality equipment, RIS and PACS systems.

System Specifications

Throughput

- Up to 61 cassettes per hour (14 x 17 in.)

Time to First Image

- 38 seconds

Grayscale Resolution

- Acquisitions: 16 bits per pixel
- Display: 12 bits per pixel

Dimensions (H x W x D)

- 13.2 x 29.5 x 21.9 in.
(33.7 x 75 x 55.5 cm)

Weight

- 86 lbs (39 kg)

System Configurations

- Desktop
- ~~Z-cart (mobile cart)~~

Software

- Integrated acquisition and PACS connectivity including: image analysis, archiving and seamless remote image communications built on scalable, user-friendly DICOM 3.0 software platform

Computer Workstation Minimum Requirements

- Pentium 4.3 GHz or higher, 1 GB memory, 4 USB 2.0 ports, CD-RW, 80 GB or larger HD, ~~Windows XP Professional® operating system or Windows Vista® Business operating system~~
- ~~Small form factor chassis required for Z-cart~~
- UPS recommended

Power Requirements

- Single-phase 50/60 Hz, 100-240 VAC, 4A

Safety and Regulatory Approvals

- FDA (USA), CE (EU), cTUVus

Environmental Operating Conditions

- Operating conditions:
15 to 30 degrees C (59 to 86 degrees F),
15 to 76% RH (Non Condensing)
- Storage conditions:
-23 to 66 degrees C (-10 to 150 degrees F),
5 to 86% RH (Non Condensing)

Cassette Size	Pixel Matrix Size	Pixels Per Millimeter	Plates Per Hour
STANDARD RESOLUTION			
14 x 17 in.	2180 x 2660	6	61
14 x 14 in.	2180 x 2180	6	65
11 x 14 in.	1700 x 2180	6	74
HIGH RESOLUTION			
14 x 17 in.	4048 x 4932	12	44
14 x 14 in.	4048 x 4048	12	46
10 x 12 in.	2868 x 3460	12	56
8 x 10 in.	2280 x 2872	12	60
24 x 30 cm.	2704 x 3404	12	59
15 x 30 cm.	1660 x 3404	12	73



Integrated solutions for every step of diagnostic imaging
CR+DR+RIS+PACS+ARCHIVE+PRINT+

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