KODAK DIRECTVIEW CR 500 SYSTEM

Premium CR quality,
performance, and features
in a fast tabletop system

HEALTH IMAGING
A BETTER VIEW OF LIFE.

Kodak

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PREMIUM CR QUALITY, PERFORMANCE,

Fast and feature-rich, the robust KODAK DIRECTVIEW CR 500 system brings reliable high performance to imaging applications with moderate exam volumes.

This single-cassette system delivers high image quality, sophisticated image processing, and an intuitive user interface equivalent to that of premium KODAK DIRECTVIEW CR systems.

Ideal as a primary or supplemental system, the CR 500 can be a cost-effective first step toward digital imaging. Compact and modular, it fits virtually anywhere in your radiology department, ICU/CCU, clinic, or other facility.

This system is a great value and is part of the family of versatile, scalable Kodak CR systems designed to meet your workflow and imaging needs, whether you are expanding capabilities or just beginning your transition to digital. All deliver the quality you expect from Kodak.

AND FEATURES IN A FAST TABLETOP SYSTEM

FITS VIRTUALLY ANYWHERE

- Conserve valuable floor space with the tabletop CR 500 system.
- Support quality patient care by placing this compact, modular system virtually anywhere.
- Place the system close to the exam room to improve workflow, boost productivity, and optimize image access.

BUILT TO LAST

- Minimize downtime and maximize return on investment with a robust system designed, manufactured, and tested for reliability and durability.
- Capture high-quality images, exam after exam, using the system's durable, lightweight cassettes and screens.

HELPS YOU WORK SMARTER

- Work entirely in normal roomlight conditions (no need to operate the reader in a dark or semi-darkened room).
- Durable lightweight cassettes provide easy handling.
- Store approximately 1,500 images online for rapid recall.
- Minimize operator errors with audible signals indicating reader status.
- Maintain productivity by accessing software functionality during cassette scanning.
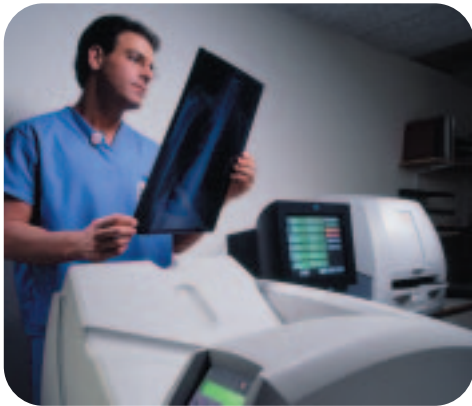
- Monitor and confirm scanner operation on the workstation screen.
- Connect the CR 500 system to laser imagers, PACS, and other devices that accept a DICOM format image.

PROVIDES RAPID IMAGE ACCESS

- Process over 60 cassettes per hour.*
- Review an image in 54 seconds or less.*

*Based on 35 x 43-cm cassette.

YOUR DIGITAL GATEWAY

- Whether you are acquiring your first computed radiography system, or converting additional analog x-ray applications, the CR 500 provides a feature-rich tabletop solution.
- Distribute images via a network and duplicate films at the touch of a button.
- Choose from the portfolio of Kodak DryView laser imagers to meet your digital printing needs.
- Integrates with the scalable Kodak DirectView PACS 5 that offers powerful Web-based distribution for anywhere, anytime access to images and information.

PERFORMANCE ENHANCEMENTS

Let Kodak help you configure a CR system to suit your needs and budget. Options and accessories include:

- **Kodak DirectView EVP software** takes image quality and diagnostic confidence to a new level with a technological breakthrough that extends image latitude without loss of detail contrast. All original image data are used and retained during image processing and enhancement.
- **Kodak DirectView V3 software/feature package** that includes a configurable, movable text box, true-size printing with Kodak DryView laser imagers, automatic detection and suppression of grid-line artifacts for softcopy review, preloading of exam data—and more!
- **Kodak DirectView remote patient data entry software** for entering patient data with a PC at the reception desk or other location—freeing the radiographer to spend more time performing examinations.
- **Kodak black surround/masking software** aids interpretation of images by eliminating foreground flare for enhanced viewing.
- **Kodak DICOM work list management software** enables easy integration with PACS/HIS/RIS systems.

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HIGH IMAGE QUALITY

- Support increased diagnostic confidence and reduced reading time with high image quality from the same powerful built-in Kodak DirectView PTS image processing software used in premium DirectView CR and DR systems.
- Process images automatically to the desired look before they are distributed for review, printing, or workstation display.
- Review images on a high-resolution 17-inch CRT screen (1200 x 1600 matrix) or a 15-inch flat-panel screen (1024 x 768 matrix).
- Extend image latitude without loss of detail contrast with optional Kodak DirectView EVP software, taking image quality to a new level.
- Eliminate foreground flare and enhance viewing with Kodak black surround/masking software.

EASY-TO-USE, INTUITIVE USER INTERFACE

- Learn and use the system quickly with a bright, colorful, intuitive user interface designed for consistent operation across all Kodak DirectView CR *and* DR systems.
- Save time and effort with a bar code reader for patient/cassette/exam ID.
- Zoom and pan any area of the image and use magnification to check for patient position and motion.
- Configure the system to automatically route images to preset destinations, freeing the radiographer from this task.

- Customize image display parameters to suit department preferences.
- Choose the order in which patient records appear on the work list screen to suit user preference—alphabetical, oldest first, newest first.
- Preset the cursor default field for patient data searches on the work list query screen (patient ID, accession number, or patient last name).
- Use Kodak DirectView remote patient data entry software to enter patient data remotely from the CR.

PRODUCT SPECIFICATIONS

DIMENSIONS

- Height: 25.4 in. (64.5 cm)
- Width: 24.5 in. (62.2 cm)
- Depth: 25.6 in. (65.0 cm)
- Weight: 185 lb (83.9 kg)

THROUGHPUT

- Over 60 cassettes per hour*

*Based on 35 x 43-cm cassette.

CASSETTE SIZE	CASSETTE TYPE	CASSETTES PER HOUR
18 x 24 cm	GP	55
15 x 30 cm	GP	64
24 x 30 cm	GP	55
35 x 35 cm	GP	65
35 x 43 cm	GP	61

POWER

Includes an uninterruptible power supply (UPS)
- 100–127 VAC 5 Amps 50/60 Hz
- 200–240 VAC 3 Amps 50/60 Hz

HEAT DISSIPATION

- 1600 BTU/HR Max

NETWORK

10 BaseT/100 BaseT

REGULATORY

- FDA, UL/CUL, CE Mark, TUV
- System is certified to Medical Electrical Equipment requirement (with optional Isolation Transformer) and is a casual patient contact medical device
- System is certified to Information Technology Equipment requirement (without optional Isolation Transformer)
- Complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice 50, dated July 26, 2001. Class I Laser product and complies with IEC 60825-1

OTHER OPTIONS

Software:
- Kodak black surround/masking software
- Kodak DirectView EVP software
- Kodak DirectView V3 software/ feature package
- Kodak DICOM storage class user software
- Kodak DICOM work list management service class user software

Accessories:
- 15-inch flat-panel monitor or 17-inch CRT monitor
- Isolation transformer
- Kodak DirectView CR remote operations panel
- Cassettes:
  —Kodak DirectView CR 500 cassettes / GP / 15 x 30 cm, 18 x 24 cm, 24 x 30 cm, 35 x 35 cm, and 35 x 43 cm
- Screens:
  —Kodak flexible phosphor screen / GP / 15 x 30 cm, 18 x 24 cm, 24 x 30 cm, 35 x 35 cm, and 35 x 43 cm

MORE INFORMATION

Learn more about the Kodak DirectView CR 500 system and Kodak's other products for enhanced CR performance. Contact your Kodak representative. Call 1-877-TO-KODAK (1-877-865-6325), ext. 227. Or visit **www.kodak.com/go/CR**.

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