KODAK DIRECTVIEW CR 850 SYSTEM

The fastest
single-cassette
CR system

HEALTH IMAGING
A BETTER VIEW OF LIFE.

Kodak

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THE FASTEST SINGLE-CASSETTE CR SYSTEM

Boost productivity with the quicker, easy-to-use Kodak DirectView CR 850 system. Like the ground-breaking CR 800 system, this advanced single-cassette system provides everything needed for computed radiography imaging in one streamlined unit. Storage phosphor reader, patient/exam/cassette ID, image review monitor, and image processing are all included.

A footprint of just 25 x 29 inches (63.5 x 73.6 cm) makes for easy placement wherever needed to maximize productivity and image access. Installation requires only a power outlet and network connection.

This reliable system makes it easy to include computed radiography in your workflow. It is ideal for introducing soft-copy review or for integrating into PACS. Best of all, the CR 850 delivers the high image quality you expect from Kodak.

FOR MORE PRODUCTIVE IMAGING

PROCESS MORE IMAGES IN LESS TIME

- Process up to 104 cassettes an hour.
- Cassette is ready to reuse in less than 40 seconds.
- Forward directly to a laser imager, diagnostic workstation, or archive without review if desired.
- Print the first image on film in less than 130 seconds using a Kodak DryView 8700 laser imager.

EASY-TO-USE, INTUITIVE USER INTERFACE

- Learn and use the system quickly with an interface designed for simple and consistent operation across all Kodak DirectView CR and DR systems.
- Save time and effort with a bar-code reader for patient/cassette/exam ID.
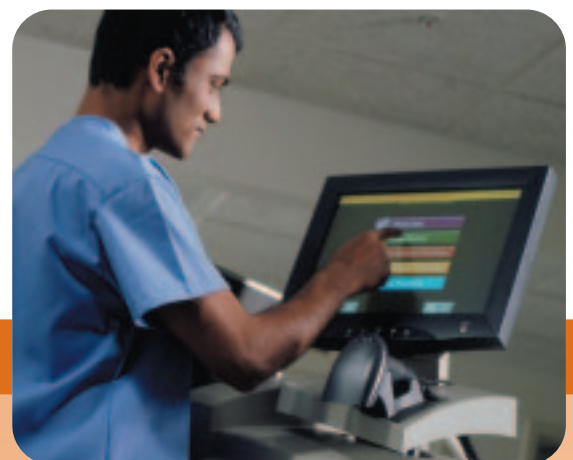- Pre-select up to 24 unique profiles of multiple destinations.

- Customize and pre-set image display parameters to suit department preferences.
- Choose the order in which patient records appear on the worklist screen to suit user preference—alphabetical, oldest first, newest first.
- Preset which field will be in focus when the worklist query screen first appears.

SET NEW DIAGNOSTIC STANDARDS

- Process images automatically to the desired look before they are distributed for review, print, or workstation display.
- Support increased diagnostic confidence and reduced reading time with available state-of-the-art Kodak image processing software.
- Take image quality and diagnostic confidence to a new level with optional Kodak DirectView EVP software that provides extended image latitude without loss of detail contrast.

IMPROVE WORKFLOW AND PRODUCTIVITY

- Complete an exam in as few as four screens depending on system configuration.
- Facilitate better patient care and productivity, ideal for distributed applications such as ER and ICU.
- Support quality patient care by placing this space-saving unit where you need it most.
- Extend system reach by supporting multiple users with optional Kodak DirectView remote operations panels.
- Reprocess images if needed during review—reducing the cost, time, and inconvenience of repeat exposures.

SIMPLIFY IMAGE MANAGEMENT

- Store approximately 2,000 images on-line for rapid recall.
- Minimize errors with a system design that prohibits archiving without approving images.
- Receive a system alert when patient data are incomplete or image delivery is pending.

INTEGRATE EASILY WITH PACS

- Kodak DICOM storage class user software is provided for easy integration with PACS.
- Available options:
  —Choose Kodak DICOM storage service class user software and Kodak DICOM work list management software.
  —Connect with Kodak PACS link-configured DryView laser imagers and with Kodak PACS.

GUARD PATIENT DATA

- Configure the system to require entry of user name and password.
- Guard against unauthorized viewing of an unattended system with an automatic security screensaver.

CHOOSE PRINTING FORMATS

- Print true-size with any Kodak DryView laser imager with optional Kodak DirectView V3 software/ feature package.
- Print all one-up images with consistent size using Kodak DryView laser imagers.*
- Print images with two-up landscape or four-up portrait format on a single sheet of film.

 *8700, 8500, 8300, 8200, and 8100

COUNT ON KODAK'S NETWORK EXPERTS

- Maximize your network throughput, performance, and reliability with Kodak imaging network services.
- Count on Kodak as your single point of contact for expert network consulting, assessment, design, implementation, support, and monitoring.

"Kodak's (DirectView EVP) image processing software…provides optimal viewing of structures with vastly different densities, which is a tremendous advantage."

Dr. Donald Miller, President, Radiology Group Marion General Hospital and Marion Area Health Center, Marion, Ohio

KODAK DIRECTVIEW CR 850 SYSTEM

OPTIONAL ACCESSORIES

KODAK DIRECTVIEW V3 SOFTWARE/FEATURE PACKAGE

Image preparation entry features include a configurable text box, true-size printing with any Kodak DryView laser imager, and automatic detection and suppression of grid-line artifacts.

Productivity features include the ability to preload procedure and exam information to save keystrokes, an enhanced trauma button for quick selection of a custom patient record when multiple trauma patients must be imaged, and a "reject image reason" data-entry tool that promotes productivity by identifying areas for improvement.

KODAK DIRECTVIEW TOTAL QUALITY TOOL

Perform your own objective image tests and QC measurements with the same interface used for examinations. Test at your convenience—without the cost, scheduling, or disruption of third-party testing.

KODAK DIRECTVIEW REMOTE PATIENT DATA ENTRY SOFTWARE

Increase productivity, improve work-flow, and enhance patient satisfaction with remote entry of patient data. Enter demographic data for exams with a PC at the radiology reception desk or other preferred location. Enable your radiographer to spend more time performing examinations.

KODAK DIRECTVIEW REMOTE OPERATIONS PANEL

Extend CR 850 system reach and functionality with this wall-mounted touch-screen panel that allows radiographers to perform most system functions away from the main unit. Network up to ten remote operations panels to a single Kodak DirectView CR system. Or network one remote operations panel to as many as eight CR systems.
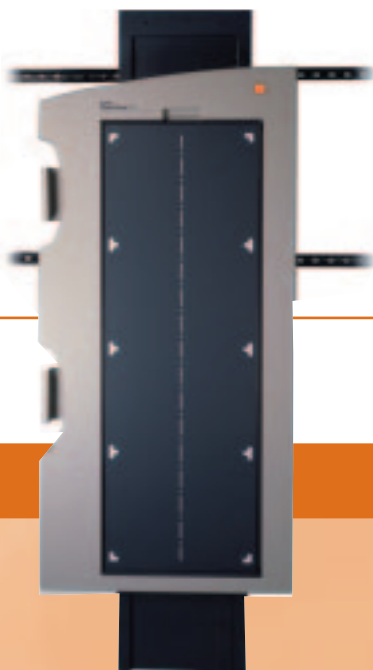
KODAK DIRECTVIEW EVP SOFTWARE

Take image quality and diagnostic confidence to a new level with this 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 CR LONG-LENGTH IMAGING SYSTEM

Capture long-bone computed radiography (CR) images—full leg and full spine—with your Kodak DirectView CR system. This easy-to-use accessory provides fully automatic stitching software that delivers images up to 17 inches wide by 51 inches long (43 x 129 cm), with few, if any, visible seams. System includes a wall-mounted vertical cassette holder, four 35 x 43 cm cassettes specially keyed to fit the holder, and a software license for accessing image-stitching software. Ideal for high-volume softcopy viewing, images also can be printed on film for viewbox display.

PRODUCT SPECIFICATIONS

DIMENSIONS
- Height: 59.5 in. (151.1 cm)
  (41 in. [104.1 cm] height at cassette feed tray)
- Width: 25 in. (63.5 cm)
- Depth: 29 in. (73.6 cm)
- Weight: 528 lb (239.4 kg)
- Monitor: 15.0 in. flat-panel touch screen, full color, 1024 x 768 matrix

SPEED
- Time from cassette insertion to image at network: under 45 seconds*
- Throughput:

Cassette Size	Cassette Type	Cassettes per Hour
18 x 24 cm	GP	101
24 x 30 cm	GP	91
35 x 35 cm	GP	102
35 x 43 cm	GP	91
18 x 24 cm	HR	104
24 x 30 cm	HR	93

POWER
Includes an on-board, uninterruptible power supply (UPS)
- 100–120 VAC 10 Amps 50/60 Hz
- 200–240 VAC 5 Amps 50/60 Hz

HEAT DISSIPATION
- 1400 BTU/HR Max

NETWORK
10 BaseT/100 BaseT / 1000 BaseT Network Adapter

*Dependent upon network performance

REGULATORY
- UL/CUL, CE mark
- System is certified as a casual patient contact medical device

OTHER OPTIONS
- Black surround software
- Cassettes
  —Kodak DirectView CR cassette / with GP screen 35 x 43 cm, 35 x 35 cm, 24 x 30 cm, and 18 x 24 cm
  —Kodak DirectView CR cassette / with HR screen 24 x 30 cm and 18 x 24 cm
  —Warranty
  12 months from date of installation

MORE INFORMATION
Learn more about the Kodak DirectView CR 850 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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