



**Kodak**  
DIRECTVIEW  
Elite CR System

Improve workflow, productivity,  
and patient throughput.

# Kodak DIRECTVIEW

## Elite CR System

Compact, single cassette CR systems designed to improve workflow, productivity, and patient throughput.

The KODAK DIRECTVIEW Elite CR System is small, easy to install and easy to use. This powerful distributed CR system is capable of producing high quality images with a footprint that is compact enough to be placed in an x-ray room or an x-ray control console room. The KODAK DIRECTVIEW Elite CR System uses industry standard cassette sizes including 15 x 30 cm for dental imaging, as well as 35 x 84 cm for long length imaging for scoliosis and extremity imaging.

Ideal for hospitals, diagnostic imaging centers, multi-specialty clinics, and private practices, the KODAK DIRECTVIEW Elite CR System is a unique product in Carestream Health's CR portfolio. It is designed for distributed and central CR applications where image quality, rapid image availability, lower costs, and high departmental productivity are critical success factors.

All of the systems in Carestream Health's CR product suite enable healthcare providers to deliver improved patient care. The KODAK DIRECTVIEW Elite CR System is another example of our commitment to developing solutions that address the needs of our health care customers and their patients.



## Enhanced productivity... sensitive to your budget

With less capital investment and lower operating costs, the KODAK DIRECTVIEW Elite CR System helps imaging facilities realize financial goals. It is designed for medium to high imaging volumes in:

- ▶ Hospitals
- ▶ Diagnostic Imaging Centers or Clinics
- ▶ Specialty Clinics/Private Practices (e.g. Orthopaedic Clinics)
- ▶ Large General Private Practices

## Robust software offers power and performance

KODAK DIRECTVIEW CR Systems—including the Elite CR System—provide a variety of capabilities that are designed to enhance productivity, performance, and ROI for healthcare providers of all sizes and complexities.

**Improved workflow and productivity**—“Ease of use” features increase patient throughput resulting in enhanced hospital and clinic productivity.

**Enhanced customization**—Allows the KODAK DIRECTVIEW Elite CR System to be easily configured to the needs of the facility and the unique preferences of the users.

**Improved interconnectivity**—Enhanced connectivity capabilities help improve compatibility across multiple “up” and “downstream” networked devices.

**Reduced service costs**—Improved service diagnostics result in more system uptime and fewer on-site repair calls.

## KODAK DIRECTVIEW Elite CR System

### System Highlights

- ▶ Reliable, distributed or centralized CR system.
- ▶ Intuitive; easy to use.
- ▶ Full featured GUI, image processing, and software options/tools.
- ▶ Easy to install.
- ▶ Reduced footprint—small enough to be placed in an x-ray room or x-ray control console room.
- ▶ Accommodates general radiographic exams including long-length imaging.
- ▶ High image quality with KODAK DIRECTVIEW EVP Plus Image Processing Software.
- ▶ Delivers high quality images based on Kodak technology and tradition.
- ▶ Uses all KODAK DIRECTVIEW cassettes with rigid screens including GP, HR, EHR, EHR-M and the new PQ screens designed to reduce noise.
- ▶ Provides cassette cycle times (up to 90 plates per hour for 35 x 43 cm cassettes) to accommodate high volume workflows.
- ▶ Choice of three Workflow and Image Viewing (WAIV) consoles: 17-inch flat panel monitor, 19-inch flat panel touch screen monitor with or without additional software package.
- ▶ Monitor and/or keyboard can be placed on a floor stand console (that also stores cassettes) or a space saving wall mount.
- ▶ Provides low total cost of ownership.
- ▶ Mammography imaging option available in approved markets\*.
- ▶ DICOM and IHE connectivity and functionality.

\*Not currently available in the U.S.A.

## KODAK DIRECTVIEW EVP Plus Software

KODAK DIRECTVIEW EVP Plus Software enables health care providers to take image quality and diagnostic quality to new levels. It is designed with a number of time saving features that reduce capture set up times, as well as elevate the overall quality of the image output. The results are greater operational efficiency and more consistent, higher quality images that help improve patient diagnosis.

- ▶ Easier setup resulting in greater throughput.
- ▶ Image Preference Setup Tool enables simple customization of image processing preferences that can be unique for different applications or for different end users. The pre-selection of these preferences enables the system to be installed with the customers' preferred looks for all images.
- ▶ Images can be processed optimally without requiring the user to identify the body part/projection.
- ▶ Qualified users can change default appearances and preference editors.
- ▶ Easier and more intuitive adjustments can independently control image parameters—brightness, latitude, detail contrast and noise level.
- ▶ Improved black surround feature automatically enhances image resolution.

# Options and Accessories

Carestream Health offers a variety of options and accessories for the KODAK DIRECTVIEW Elite CR System that help maximize the performance, convenience, and functionality of the system. These product and service enhancements are also available for Carestream Health's other KODAK DIRECTVIEW CR Systems.

## KODAK DIRECTVIEW Remote Operations Panel

Extend the reach and functionality of your KODAK DIRECTVIEW Elite CR System 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 Capture Link Software

Link up to five KODAK DIRECTVIEW CR Systems and 20 Remote Operations Panels to improve workflow and productivity in high-volume areas. Share cassette identification, scanning and image review functions on linked systems.

## KODAK DIRECTVIEW Total Quality Tool

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



## KODAK DIRECTVIEW CR Long-Length Imaging System

Capture long-bone computed radiography images—full leg and full spine—with this easy-to-use accessory. Fully automatic and highly reliable stitching software delivers images up to 17 inches wide by 51 inches long (43 x 129 cm), with few, if any, visible seams. A portable cassette system for supine and upright procedures produces images up to 14 x 33 inches (35 x 84 cm).

## KODAK DIRECTVIEW Mammography Feature for CR\*

Bring the convenience and image quality of the KODAK DIRECTVIEW Elite CR System to digital mammography. This feature, coupled with KODAK DIRECTVIEW CR Mammography Cassettes and EHR Screens, delivers mammography quality images while retaining all CR system features and capabilities for general radiography examinations.

*\*Not currently available in the U.S.A.*

## KODAK DIRECTVIEW RIS, PACS, Information Management Solutions

- ▶ Provide a totally integrated, enterprise-wide radiology suite that automates the various elements of the diagnostic exam process.
- ▶ Together, KODAK CARESTREAM RIS, PACS, and Information Management Solutions enable highly efficient diagnostic reporting and clinical review.
- ▶ Facilitate easy storage, retrieval, and distribution of a patient's entire radiology record—all through a synchronized desktop.
- ▶ Improve productivity, enhance patient services, and reduce network and storage infrastructure costs.

## Options and Accessories (continued)

### Choice of printing options

- ▶ Print CR images on film with a choice of KODAK DRYVIEW Laser Imagers. They can be configured to receive CR images automatically.
- ▶ Use a KODAK DRYVIEW 6800 Laser Imager and select from five film sizes including up to three online, all at 650 dpi resolution.
- ▶ Print true-size images using any KODAK DRYVIEW Laser Imager.
- ▶ Have flexibility to format with multiple images on a single sheet of film.

### Expert network service and support

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

### Carestream Health Service and Support—a team of experts to optimize system performance

Count on timely, dependable service and support from Carestream Health for your KODAK DIRECTVIEW Elite CR System.

- ▶ Carestream Health's team of more than 1,700 service professionals worldwide is dedicated to keeping your system up and running at peak performance.

- ▶ Carestream Health offers a variety of professional services that range from site planning and project management to DICOM and integration services.
- ▶ Carestream Health's design parameters and manufacturing processes help ensure maximum system reliability.
- ▶ Secure remote diagnostic services help resolve issues promptly for optimized CR system uptime.



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## Elite CR System

### Specifications

#### Dimensions of reader

- ▶ Height = 40.5 in. (102.87 cm)
- ▶ Width = 19.0 in. (48.26 cm)
- ▶ Depth = 22.7 in. (57.66 cm)
- ▶ Weight = 300 lbs (136 kg)

#### Dimensions of the floor stand

- ▶ Height = 43.9 in. (111.51 cm)
- ▶ Width = 30.7 in. (77.98 cm)
- ▶ Depth = 22 in. (55.88 cm)
- ▶ Weight = 75 lbs (34 kg) w/o keyboard holder\*  
90 lbs (41 kg) w/ keyboard holder\*

#### Cassette Sizes

- ▶ 18 cm x 24 cm
- ▶ 24 cm x 30 cm
- ▶ 14 in. x 14 in./35 x 35 cm
- ▶ 14 in. x 17in./35 x 43 cm
- ▶ 15 cm x 30 cm (Dental)
- ▶ 35 cm x 84 cm (Long Length)

#### Plates Per Hour\*\*

- 100
- 76
- 102
- 90
- 122
- 88

#### Time To First Image

- ▶ 33 seconds  
(35 cm x 43 cm, high speed scan mode)

#### Grayscale Resolution

- ▶ Acquisition: 16 bits per pixel
- ▶ Display: 12 bits per pixel

#### Monitors

- ▶ 17 in. flat panel monitor, 1280 x 1024 pixels
- ▶ 19 in. flat panel touch screen monitor, 1280 x 1024 pixels

#### Power

- ▶ 100/120V AC 50/60 Hz 10A
- ▶ 200/230V AC 50/60 Hz 5A

#### Regulatory

- ▶ FDA
- ▶ CE mark
- ▶ cTUVus mark
- ▶ TUV T mark

\*Does not include PC, monitor, keyboard, or barcode reader

\*\*High speed scan mode



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Licensed Product

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### More information

Learn more about the KODAK DIRECTVIEW Elite CR System and Carestream Health's other products for enhanced CR performance. Contact your Carestream Health representative, or call 1-877-865-6325, ext. 227.

→ <http://cr.carestreamhealth.com>

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