Boost productivity and quality with KODAK DIRECTVIEW DR Systems

NEW ENHANCED FEATURES

HEALTH IMAGING

A BETTER VIEW OF LIFE.

Kodak

KODAK DIRECTVIEW DR CONSOLE

HIGH PERFORMANCE AND PRODUCTIVITY

The KODAK DIRECTVIEW DR System Operator Console maximizes the productivity, flexibility, and image quality of KODAK DIRECTVIEW DR Systems. This feature-rich console is one more example of Kodak's continuing commitment to deliver enhanced workflow and image processing excellence for a full range of general radiography and trauma exams.

Patient and exam data can be entered or selected manually using a keyboard, mouse, or touch screen, or simply imported from a HIS/RIS.

SPACE-SAVING, SINGLE INTEGRATED CONSOLE

- Expedite workflow, increase productivity, and support improved patient care.
- Control all Kodak DirectView DR system imaging functions— including x-ray generator, detector array adjustment, and HIS/RIS patient data access.
- Eliminate manual input of exposure parameters and acquire more consistent images with automatic exposure control and anatomical programmed radiography.
- Preview an image within 12 seconds of exposure.
- Boost productivity with an intuitive, multilingual interface and touch-screen control.

- Reduce training needs with a consistent interface across all Kodak DirectView DR and CR systems.

ROBUST IMAGE PROCESSING TECHNOLOGY

- Increase confidence, reduce reading time, and minimize image reprocessing with Kodak DirectView DR software.
- Optimize grayscale display and apply examination-specific nonlinear edge enhancement with built-in Kodak DirectView PTS image processing software. (All original data are used and retained during image processing.)
- Enhance images further with left or right markers, text positioning, and user-configurable text box.

- **NEW** Add or remove the black surround mask on demand for any DR image.
- **NEW** Pan and zoom (select and magnify) an image area up to full resolution to help identify patient position and motion.

OPTIONAL SOFTWARE RAISES DIAGNOSTIC CONFIDENCE

- Take image quality and diagnostic confidence to a new level with Kodak DirectView EVP software.
- Extend image latitude without loss of detail contrast with enhanced visualization processing to support reduced reading time.

Exam Tutor monitors progress of completed views while freeing the operator to easily sequence exposures in any order needed to best perform the exam.

Imaging functions include image reorientation, image save for service diagnosis, and image accept/reject.

NEW OPTIONAL KODAK DIRECTVIEW CAPTURE LINK SYSTEM

- Link Kodak DirectView CR and DR systems together to streamline workflow and improve productivity when a study includes DR and CR images.
- ID your CR cassettes at the DR console and scan them at a remote or in-room CR reader.
- See the entire study—DR *and* CR images—at once for greater productivity and convenience.
- Reprocess, approve, and redirect CR images from your DirectView DR operator console.
- Forward CR and DR images together to output destinations.

NEW PRODUCTIVITY OPTIONS

- **IHE scheduled workflow**—Automatically notify the HIS/RIS of exam status for consistent patient and ordering information.
- **Enhanced trauma button**—Quickly select a custom patient record for emergencies in which more than one trauma patient must be imaged; preconfigure up to 35 patient buttons to identify individual trauma patients.
- **Remote patient data entry software (RPDES)**—Enter patient data from the reception desk or other location.
- **Cancelled order support**—Prevent unnecessary procedures and save time by automatically removing patient records cancelled by the HIS/RIS from the DR database.
- **"Accept all images" option**—Accept all study images without the need to access each individual image.

AUTOMATIC TRACKING BOOSTS EFFICIENCY, ACCURACY

- Indicate correct positioning and minimize positioning errors with Exam Tutor software that displays an icon of each view.
- Acquire images in any sequence for patient comfort and efficiency.
- Completed views show thumbnail images with the radiographic techniques used.

PRODUCTIVITY OPTIONS SUIT OPERATOR PREFERENCES

- Enter data via touch screen, keyboard, mouse, bar-code scanner, or RPDES—you choose.
- Toggle between multiple examinations for reduced patient repositioning; easily add views and studies as needed.
- Review, flip and rotate, save for diagnosis, and accept or reject images.
- Customize operator settings for site-specific needs.

ADMINISTRATOR CONTROL— SECURITY AND STATISTICS

- **NEW** Prevent unauthorized users from accessing DR data with security audit log and system login. Track image access by individuals to support privacy regulation requirements.
- **NEW** Minimize threats from worms and other malware with a built-in firewall.
- Reject analysis reporting helps identify opportunities for workflow improvements; track reasons why images are rejected during QA and export data for further analysis.

DELIVER IMAGES AND INFORMATION QUICKLY

- Deliver softcopy and hardcopy images easily with DICOM 3.0 print and store compatibility.
- Route images and information to single or multiple destinations.
- Sort, reprocess, and re-send stored images as needed; print in true size, shrink to fit, multiformat, and more.

OPTIONAL DICOM WORKLIST MANAGER

- Import patient and exam information automatically into the system from a HIS/RIS to reduce potential entry errors.

KODAK DIRECTVIEW DR SYSTEM OPERATOR CONSOLE

KODAK SERVICE AND SUPPORT

Count on timely, dependable, cost-effective Kodak service and support for your Kodak DirectView DR and CR systems. Achieve optimal performance with over 1,700 service professionals worldwide, and intelligent monitoring capabilities. Expert support ranges from site planning and project management to DICOM and integration services.

LEARN MORE

Contact your Kodak sales representative to learn more about Kodak DirectView DR systems—and how they can help meet your digital imaging requirements.

PRODUCT SPECIFICATIONS

COMPONENTS
- Workstation based on a WINDOWS system, with display touch screen
- Mouse and keyboard
- Modem (U.S. only)
- X-ray generator interface
- Array controller
- Prep/expose switch
- Bar-code reader
- Uninterruptible power supply (UPS)
- Integrated CD-recordable (CD-R)

IMAGES
- Stores over 800 images at full resolution
- Dynamic range—14 bit captured; stored at full 12 bit

DIMENSIONS (Unpacked)
- Width: 34 in. (86 cm)
- Height: 38 in. (97 cm)
- Depth: 23 in. (58 cm)
- Weight: 185 lb (83 kg)
- Monitor: 18 in. (46 cm) flat-panel touch-screen

OPERATING ENVIRONMENT
- Temperature 50–80.6°F (10–27°C)
- Relative humidity 30–75%

ELECTRICAL REQUIREMENTS
Utilizes power as described in the system requirement site specifications. For Kodak DirectView DR system operator console or DR system requirements, please ask your local Kodak representative for more information.

RECOMMENDED NETWORK REQUIREMENTS
100 BaseT, Full-Duplex, Switched

REGULATORY
FDA, CE, MDD, UL, CUL, and CSA

OPTIONS
- Kodak DirectView capture link system
- Kodak DirectView EVP software
- Kodak DICOM worklist management service class user software

Health Imaging Group
EASTMAN KODAK COMPANY
343 State Street
Rochester, NY 14650-1132
USA
1-877-865-6325, ext. 227 (toll free)

KODAK CANADA INC.
3500 Eglinton Avenue West
Toronto, Ontario M6M 1V3
CANADA

EASTMAN KODAK S.A.
29-31 Route de l'Aéroport
Case Postale 271
CH 1215 Geneva 15
SWITZERLAND
Tel: +41 22 747 2288
Fax: +41 22 747 2399

KODAK SINGAPORE PTE LTD
No.1 HarbourFront Avenue
03-01/10
Keppel Bay Tower
SINGAPORE 098632
Tel: 6371-3388
Fax: 6371-3377

www.kodak.com/go/dr

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