

Carestream

DRX-1 System

Powerful. Versatile. Wireless.

Upgrade Your X-ray Room to DR in One Day.

SMART IMAGING SOLUTIONS



The Fast, Easy Way to Move to DR Imaging.

Leverage your current investment and upgrade to DR technology to gain workflow efficiencies, improve productivity and enhance patient care.

The CARESTREAM DRX-1 System works with our DRX Plus, Lux 35 and Focus Detectors. Each detector simply slides into your existing X-ray equipment. And for long-length imaging exams, our DRX-L Detector captures leg and spine images in a single exposure.

If your facility is still imaging with film or CR, or you have older DR technology, an upgrade to full wireless digital can provide tremendous benefits: superb image quality, greater productivity and super-charged workflow.

Choose from a variety of detector sizes including 35x43 cm, 43x43 cm, 25x30 cm and our 17x51 in. for long-length exams. There are also options for wireless, fixed and tethered versions. This allows you to select just the right detector for your facility and your budget.

Advantages at a Glance

- Upgrade your current room to full wireless DR in a day.
- Wireless connectivity eliminates the hassles and hazards of cables and reduces the risk of infection.
- Full digital technology eliminates steps in the process to increase productivity.
- Gain instant access to images to speed decisions on patient care.
- A separate battery charger allows the detector to be used while a spare battery is being charged.
- A variety of detector sizes and price ranges is available.



The DRX Detector and the Lux Detector battery charger simultaneously recharges up to three detector batteries.

The DRX-1 System is designed to help optimize the imaging equipment you're using right now. It's compatible with any X-ray system that uses ISO 4090-compliant 35x43, 43x43 and 25x30 cm cassettes – so there's no need to modify your generator or Bucky, discard your wallstand or table, or radically alter your procedures. And, the DRX-1 System can be installed in your exam room in just one day.

- The DR Detector wirelessly transmits digital images to your capture console.
- Images are ready for immediate viewing and manipulation.
- From the console, images can quickly be forwarded to a printer, PACS archive and other network destinations.
- The detector's light weight and wireless operation provide convenient handling and excellent positioning flexibility.
- Our DRX Plus 3543 and DRX Plus 4343 Detectors use a Gadolinium (GOS) Scintillator for general radiography imaging, while the DRX Plus 3543C and DRX Plus 4343C Detectors' Cesium (CsI) Scintillator is ideal for pediatrics and other dose-sensitive applications.
- The small-format DRX Plus 2530C Detector is ideal for pediatrics as well as orthopaedic tabletop applications.
- The Lux 35 Detector is glass-free and features a sleek, ergonomic design for easier handling and positioning.
- Choose the Focus Detectors for an affordable upgrade to full, wireless DR imaging.
- For long-bone and spine imaging, the DRX-L Detector is the ideal solution as it captures long-length images in a single exposure, reducing exposure, speeding exam time and minimizing repeats.



The DRX-1 System console simplifies user operation with the same intuitive touchscreen interface found in CARESTREAM DRX systems using ImageView Software.

A Smooth Transition to Lower Costs

The DRX-1 System allows you to step up to DR productivity with minimal disruption and downtime. Compared to DR room replacements, the DRX-1 requires substantially less staff training time – thanks to user familiarity with existing equipment. Plus, the system's compact, modular-capture console is used alongside your generator console.

The result? You'll be up and running fast with a minimized initial investment. From then on, you'll realize greater productivity and cost savings. Even better, you'll extend the life of your conventional X-ray equipment by using it for DR image capture – and the wireless DR detectors make it easy.

The system is available with your choice of detector. Choose from the DRX Plus Detectors, the glass-free Lux 35 Detector or our single-shot DRX-L Detector for long-length imaging. All of these detectors feature the X-Factor so they can be shared with your other DRX equipment in your facility. Or choose our Focus line of detectors for a highly affordable upgrade solution.

A Wide Range of Benefits

INCREASED PRODUCTIVITY

- Fast image availability can reduce exam time and recalls, improve patient satisfaction and provide quick answers in the ER or trauma department.
- The wireless, battery-powered detector provides the cordless-positioning freedom of a conventional cassette.

BROAD VERSATILITY

- This system is designed for many types of general radiography exams.
- Conventional and CR cassettes can still be exposed in your Bucky.
- The system can be installed as an additional unit in a DR exam room.
- It's compatible with many Carestream DR and CR systems, laser imagers, PACS, archive options and workstations.

PROVEN IMAGE QUALITY

- You can count on the proven imaging technology in CARESTREAM DRX Systems.
- Software powered by Eclipse delivers superb image quality and unrivaled diagnostic confidence.





Think Sharing. Think X-Factor.

Seamless Detector Performance Wherever It's Needed

The X-Factor allows you to move your detector to where it's needed most. Use it with your mobile systems for morning rounds or in the emergency department or operating room, then move it to your X-ray room during peak-demand hours. X-Factor Thinking delivers a detector ready to perform whenever and wherever you need it.

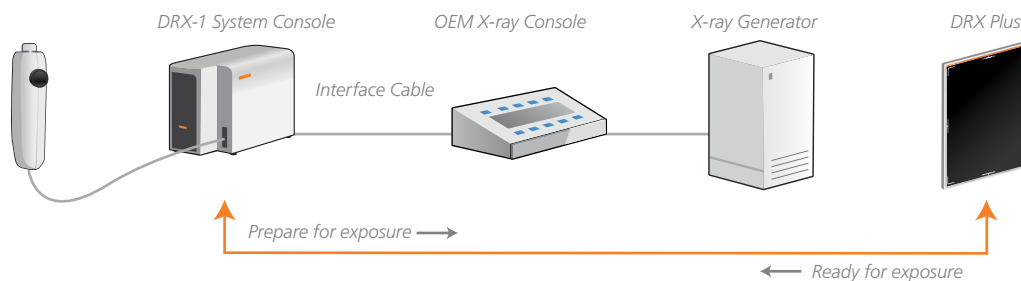
With the X-Factor Detector Platform, our wireless DRX and Lux Detectors work across all your DRX equipment to provide images with superb speed and quality. Our full line of digital X-ray systems combines compatible, scalable components to meet today's needs and position you for tomorrow's growth.



Generator Interface: Two Easy Methods

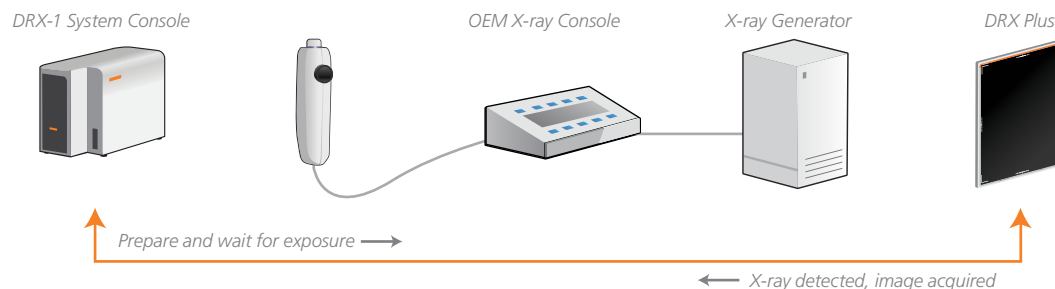
In **Direct-Connect Mode** the exposure control is connected via a hardwire link to the generator. Interface cables are available for most OEM generators. This is the preferred method of interface as it provides the most reliable detector integration and the longest detector battery life.

DRX-1 System in Direct-Connect Mode



In **Beam-Detect Mode** there is no wired connection between the console and the OEM generator. The DRX Plus Detector automatically captures an image when the console indicates that the detector is ready and an X-ray beam is detected.

DRX-1 System in Beam-Detect Mode



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"Rx only"

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