



# THE X-FACTOR ACCELERATES YOUR WORKFLOW. AGAIN.

Converting to DR workflow and productivity is easy and affordable with the CARESTREAM DRX-1 System. It features Carestream's 2nd-generation DRX Detector – a cassette-sized, wireless DR Detector that's even faster and lighter than our 1st-generation Detector. Based on the unique X-Factor platform, it simply slides into your existing X-ray systems. It's also the center-point of the DRX family – a complete line of innovative DR products.



# PRODUCTIVITY BOOSTER.



# THE NEXT GENERATION OF X-FACTOR THINKING.

The CARESTREAM DRX-1 System unleashed the power of the X-Factor, featuring the world's first wireless, cassette-sized Detector. The heart of the DRX family, it's based on a versatile, single-detector platform that works across all of your imaging equipment. Now, the 2nd-generation DRX Detector is here. It's just as powerful, versatile, and wireless. It still works seamlessly with systems throughout your facility. But here's the news: this 2nd-generation detector is faster, lighter and has even more features – ready to support greater workflow and productivity.



The DRX-1 System battery charger simultaneously recharges up to three DRX-1 System batteries.



The CARESTREAM 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 an ISO 4090-compliant, 35 x 43 cm cassettes – so there's no need to modify your generator or Bucky, discard your wall stand or table, replace your grids or radically alter your procedures. And, the DRX-1 System can be installed in your exam room in just one day.

- The 2nd-generation DRX-1 Detector wirelessly transmits digital images to your capture console
- Images are ready for immediate viewing and manipulation
- From the console, images can be quickly 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

# THE FAST, EASY WAY TO MOVE INTO DR IMAGING.

The same size as a conventional 35 x 43 cm X-ray cassette, the wireless DRX-1 and DRX-1C System Detectors make it easy to use your conventional X-ray equipment for digital radiography imaging.



The DRX-1 system console simplifies user operation with the same intuitive touch-screen interface found in CARESTREAM DRX and DIRECTVIEW CR Systems.



## 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. Moreover, you'll extend the life of your conventional X-ray equipment by using it for DR image capture – and the cassette-sized DRX-1 Detector makes it easy.

The system is available with your choice of detector. Choose the DRX-1 Detector, which uses a Gadolinium (GOS) Scintillator for general radiography imaging. Or select the DRX-1C Detector, which uses a Cesium (CSI) Scintillator for dose-sensitive applications, such as pediatrics, with increased DQE and MTF.

## 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
- The capture console supports up to three detectors
- It's compatible with many Carestream DR and CR systems, laser imagers, PACS, archive options, and workstations

### PROVEN IMAGE QUALITY

- Count on the imaging technology proven in CARESTREAM DRX Systems
- Gain increased latitude and high-contrast image detail with optional DIRECTVIEW EVP Plus Software

### EASY GENERATOR INTERFACE

- The DRX-1 System synchronizes with your generator for exposure control that is non-invasive
- Exposure control is connected to the DRX-1 System interface, which in turn is connected to the generator
- System interface ensures the system is ready at the time of exposure

# MEET THE DRX GEN2 DETECTOR

Carestream's leadership and innovation now continues with the 2nd-generation design of the DRX Detector platform.

- Now even lighter – for enhanced ease of use and portability
- Reduced preview time speeds workflow and helps expedite decisions on patient motion
- New sleep mode extends battery life, requires fewer stops to change batteries, and cuts battery costs
- Long-length exam capability (not available in the U.S.) means increased versatility and can eliminate the need for CR
- Longer three-second exposure mode option allows for imaging with lower power X-ray generators and accommodates thicker body parts
- New carbon-fiber-twill front panel and powder-coated finish on the back panel provide improved handling and better maintain the detector's high-tech appearance



### Support To Depend On.

We bring over 100 years of leadership and innovation to healthcare imaging. Our worldwide services team works alongside your professionals, keeping your equipment running at peak performance. By delivering a comprehensive scope of offerings, we provide complete peace of mind over the life of your equipment, so you can focus on what's most important – your patients.

### Specifications

#### Detector Technology

Choose from a Gadolinium (GOS) Scintillator (DRX-1) or the Cesium (CSI) Scintillator (DRX-1C), which offers higher dose efficiency and sensitivity in a 14 x 17 in (35 x 43 cm) detector format.

#### Wireless cassette-sized detector, ISO 4090

- Wireless, standard 802.11 n
- Image size: 35 x 43 cm
- Maximum external dimensions: same as 35 x 43 cm cassette
- Weight: 7.5 lbs (3.4 kg)
- Pixel pitch: 0.139 mm
- Power: on-board rechargeable battery or external battery charger
- Captures 190 images on a single charge
- Can be used with your standard grids

#### Capture console

- Touch-screen interface
- Controls DR imaging functions – including HIS/RIS patient data access, image review and management

#### Battery charger

- Accommodates up to three batteries for recharging
- Electrical: 100-240 Vac, 50/60 Hz, 1.0A optional power/communications tether



[www.carestream.com/drx1](http://www.carestream.com/drx1)