

**SIMPLE. GENIUS.**



Capture digital radiography images using your conventional x-ray equipment and procedures. Converting to DR workflow and productivity is fast, easy, and cost-effective with the CARESTREAM DRX-1 System. This innovative system features the world's first wireless cassette-sized DR detector, which simply slides into your table or wall-stand Bucky, or can be used for table-top projections, just like a conventional cassette.



After exposure, this 35 x 43 cm detector can wirelessly transmit digital images to the system's capture console 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 (8.5 lbs/3.9 kg) and wireless operation provide convenient handling – and unprecedented DR positioning flexibility.

Suitable for many general projection radiography imaging applications, the CARESTREAM DRX-1 System is designed to be compatible with x-ray systems that use ISO 4090-compliant 35 x 43 cm x-ray cassettes. There is no need to modify your generator or Bucky, discard your wall stand or table, replace grids, or radically alter procedures. The DRX-1 system can be installed in your exam room in just one day.

#### Quick, easy transition

- Minimize disruption and downtime with one-day installation.
- Compared to DR room replacements, the DRX-1 requires substantially less staff training time by building on user familiarity with existing equipment.
- The system's compact modular capture console is used alongside your generator console.

#### Cost-effective solution

- Minimize your investment and maximize your efficiency cost-effectively.
- Extend the life of your conventional x-ray equipment by using it for DR image capture – the cassette-sized DRX-1 system detector makes it easy.
- Realize all the cost savings of this complete DR system.

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.



Moving to DR is fast and easy – with the world's first wireless, cassette-sized de

### Better workflow and productivity

- Images are immediately available at the system's capture console, and can be quickly forwarded to multiple network destinations.
- Instant 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.
- A optional wall-mounted holder conveniently stores the cassette when not in use.

### Broad versatility

- The DRX-1 system is suitable for many types of general radiography imaging exams.
- Conventional and CR cassettes can still be exposed in your Bucky or used for tabletop projections.

- This system can also be installed as an additional unit in a DR exam room.
- The capture console supports up to three detectors.
- An optional power/communications tether for the detector enables wired communication with the console, and trickle charging of the on-board battery when the detector is used in a Bucky.
- This system is part of a broad family of compatible DR and CR systems, laser imagers, PACS, archive options, workstations, and other imaging-chain solutions from Carestream Health.

### Proven image quality

- Count on Carestream Health's proven imaging technology found in CARESTREAM DIRECTVIEW DR Systems and our broad portfolio of medical imaging solutions.
- Enhance image quality as never before with optional DIRECTVIEW EVP Plus Software that provides both increased latitude and high-contrast image detail.

### Easy interfacing with your x-ray generator

The DRX-1 system can synchronize with your x-ray generator for exposure control non-invasively:

- The generator's exposure control is connected to the DRX-1 system interface, which in turn is connected to the generator. The DRX-1 system interface then assures that the DRX-1 system is ready at the time of exposure.

### Two detector options

The DRX-1 System is available with your choice of detector. Choose the DRX-1 detector which uses Gadolinium (GOS) Scintillator, for cost effective and robust applications. Or select the DRX-1C detector which uses Cesium (CSI) Scintillator for dose sensitive applications like pediatrics with increased DQE and MTF.

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

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



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detector. **SIMPLE. GENIUS.**

# DRX1

## Specifications

### Detector Technology

Choice of Gadolinium (GOS) Scintillator (DRX-1) or Cesium (CSI) Scintillator (DRX-1C) with its higher dose efficiency and sensitivity in a 14x17 in. (35x43 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: 8.3 lbs (3.77 kg)
- Pixel pitch: 0.139 mm
- Power: On-board rechargeable battery or external battery charger
- Captures 70 to 90 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 and 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

- Connects detector to the capture console for wired image transmission, or to the battery charger for trickle charging when the detector is used in a Bucky.



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

### More Information

To learn more about the CARESTREAM DRX-1 System, contact your local authorized distributor or Carestream Health representative at 877-865-6325, ext. 227.

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# Carestream

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