



Digital Imaging Simplified.

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 Genesis NEO DR Wireless 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.



The same size as a conventional 14 x 17 in (35 x 43 cm) x-ray cassette, the Genesis NEO DR Wireless System detector makes it easy to use your conventional x-ray equipment for digital radiography imaging.

After exposure, this 14 x 17 in (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 Genesis NEO DR Wireless System is designed to be compatible with x-ray systems that use ISO 4090-compliant 14 x 17 in (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 Genesis NEO DR Wireless 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 Genesis NEO DR Wireless System requires substantially less training time by building on 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.
- Extend the life of your conventional x-ray equipment by using it for DR image capture - the cassette-sized Genesis NEO DR Wireless System detector makes it easy.
- Realize all the cost savings of this complete DR system.

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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 Genesis NEO DR Wireless 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 Genesis NEO DR Wireless System capture console simplifies user operation with an intuitive touch-screen user interface.
- The capture console supports up to three detectors.
- The Genesis NEO DR Wireless System battery charger simultaneously recharges up to three batteries.
- 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.

Proven image quality

- Count on Genesis Digital Imaging's proven imaging technology found in our broad portfolio of medical imaging solutions.
- Enhance image quality as never before with advanced software that provides both increased latitude and high-contrast image detail.

Easy interfacing with your x-ray generator

The Genesis NEO DR Wireless System can synch with your x-ray generator for exposure control non-invasively:

- The generator's hand-held exposure control is connected to the Genesis NEO DR Wireless System interface, which in turn is connected to the generator. The interface then assures that the Genesis NEO DR Wireless System is ready at the time of exposure.
- For generators with console mounted exposure control, a special button is used to manage the exposure, allowing the Genesis NEO DR Wireless System to synchronize with the exposure sequence.

Moving to DR is fast, easy and efficient - with the world's first wireless, cassette-sized detector.

The Genesis NEO DR Wireless System battery charger recharges up to three batteries simultaneously.

The Genesis NEO DR Wireless System capture console simplifies user operation with an intuitive touch-screen user interface.



Specifications

Wireless cassette-sized detector,
ISO 4090

- Wireless standard 802.11 n
- Image size: 14 x 17 in (35 x 43 cm)
- Maximum external dimensions: same as 14 x 17 in (35 x 43 cm) cassette
- Weight: 8.5 lbs (3.9 kg)
- Pixel pitch: 139 µm
- 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
- Power: 90-264 V, 50-60 Hz, 75 W max

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.genesisdigital.com

For More Information:

To learn more about the Genesis NEO DR Wireless System, contact one of our representatives today - (888) 436-3444 or sales@genesisdigital.com



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