

**Canon**

# CXDI-801C Wireless

*Digital Radiography System*



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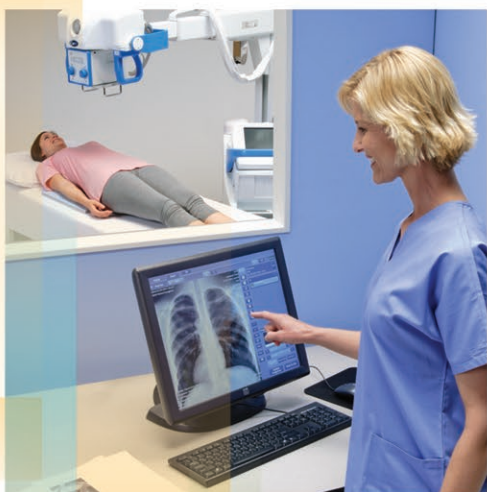
## Digital Radiography System

### HELP ACCELERATE EXAMS AND MAINTAIN PRODUCTIVE WORKFLOW.

#### Helping to Streamline the Delivery of Care

Canon is focused on providing high-quality imaging and productivity-enhancing solutions to help organizations meet the increasing challenges in delivering quality, affordable patient care. The Canon CXDI-801C Wireless Digital Radiography (DR) System is designed to help healthcare professionals attain a high level of performance, usability, and reliability. In X-ray Auto Detection Mode, this DR detector can detect X-rays at exposure and shift to Acquisition Mode automatically, without the use of a typical generator interface. By utilizing technology and solutions that help accelerate exams and maintain productive workflow, practitioners can effectively accomplish more while providing quality care.

The Canon CXDI Control Software NE is made exclusively for use with Canon Digital Radiography Systems. This software helps to optimize workflow and reduce the steps needed to complete exams. It provides quick image confirmation and timely network distribution, supports multiple study acquisition, can be easily tailored to individual clinical



preferences, and helps provide the delivery of consistent, high-resolution images with the CXDI-801C Wireless Digital Radiography System. In addition, this proprietary software solution is IHE-compliant and has features that can help practitioners with their HIPAA compliance efforts.

### Designed to Work In Small Places

Building on Canon's expertise in digital radiography, the new Canon CXDI-801C Wireless DR System utilizes high-quality image sensors to provide high-resolution images at a low dose with 125-micron pixel pitch. Designed for use in a variety of diagnostic imaging areas and radiology rooms where it helps to provide convenience and time savings, this system is the ideal size for fitting into most Neonatal Intensive Care Unit (NICU) beds without modification. In addition, this DR panel incorporates more customer-focused features than its predecessor, such as enhanced liquid intrusion protection, battery charging while in the detector (with the wired option\*), and impact detection.

Weighing only 5.1 lb. (with battery) and with an imaging area of 11" x 14;"▲ the CXDI-801C Wireless DR System is durable, compact, and lightweight. It provides a long battery life and seamless data transfer from detector to console.

### Canon Proprietary Technology

The CXDI-801C Wireless DR System incorporates the Canon LANMIT® (Large Area New Metal-Insulator Semiconductor) technology and a proprietary glass substrate for high-resolution, high-contrast images. The CXDI-801C Wireless DR System includes a CsI scintillator that optimizes light channeling and produces high-quality images at a low X-ray exposure to the patient.

Go from room to room freely, without cables, and experience the high sensitivity, low dose, and dependability of this compact, wireless detector.



\* Sold separately

▲ Weight and dimensions are approximate.

# CXDI-801C Wireless

## Digital Radiography System Specifications

Scintillator Csl	(Csl:TI)
Purpose	General radiography
Method	Cassette-size detector, scintillator, and amorphous silicon (a-Si)
Sensor	LANMIT (Large Area New-MIS sensor and TFT)
Pixel Pitch	125 microns
Pixels	2192 x 2800 pixels (6.1 megapixels)
A/D	16-bit
Imaging Area	Approx. 11" x 14" (27 cm x 35 cm)
Grayscale Output	Output 12-bit or 16-bit Selectable
Grid Support	34/40/52/60 lp/cm (line-pair per centimeter)
Wireless Standard	IEEE 802.11n (5 GHz and 2.4 GHz)
Preview Image Time	Approx. 1-2 seconds after X-ray exposure
Full-Image Display Time	Approx. 5-6 seconds after X-ray exposure
DICOM®	DICOM® 3.0 compatible, Print Management (SCU), Storage (SCU), MWL (SCU), MPPS (SCU)
Battery Performance	Approx. 140 images
Recharging Time	Less than 3 hours
Operating Environment	Sensor unit: 41-95 °F (5-35 °C), Humidity: 30-80% RH (non-condensing)
Dimensions (W x L x D)	12.1" x 15.1" x 0.6" (307 mm x 384 mm x 15 mm) (Detector unit only)
Weight	5.1 lb. (2.3 kg) (with battery)



CXDI-801C Wireless System shown with optional battery charger.\*



With the wired option,\* the CXDI-801C Wireless System can charge the battery in the detector.

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DRB-035RevA  
0714R-801BRO-PDF-IH

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