

Leverage the Power of Digital Radiography with a CXDI-401 Series DR Detector

The versatility and reliability of the CXDI-401 Series DR Detector expands the scope of Digital Radiography with superb diagnostic image quality, rapid results, extensive networking capabilities and custom configuration options.

Network connectivity with DICOM® 3.0 compatibility enables efficient data transfer to any DICOM hard copy output device or PACS for efficient archiving, printing and remote viewing.

In addition, DICOM modality worklist with MPPS support and program imaging can help improve the workflow of your department by interfacing with HIS/RIS Systems and facilitating effective integration with your network.

Experience the high-resolution Digital Radiography difference of Canon, with a CXDI-401 Series DR Detector.

LOW DOSE



CXDI-401 SERIES DR DETECTOR SPECIFICATIONS

IMAGE SIZE	RESOLUTION	PIXEL PITCH	IMAGE PREVIEW
16.8 x 16.3 INCHES	11.3 MEGAPIXELS	125 MICRONS	3 SECONDS

Detector	CXDI-401G	CXDI-401C
Scintillator	GOS (Gd2O2S:Tb)	CsI (CsI:TI)
Purpose	General Radiography	
Method	Flat Panel Detector: Scintillator & Amorphous Silicon (a-Si)	
Sensor	LANMIT (Large Area New-MIS sensor and TFT)	
Pixels	3,320 x 3,408 pixels (11.3 megapixels)	
A/D	14-bit	
Grayscale	4,096 grayscale (12-bit)	
High Resolution Image Display Time	Approx. 5 seconds after X-ray exposure	
Cycle Time	Approx. 15 seconds after X-ray exposure	
DICOM	DICOM 3.0 compatible, Print Management Service Class (SCU), Storage Service Class (SCU), and others	
Voltage	AC 100 - 240 V 50/60 Hz	
Operating Environment	Sensor unit: 41-95°F (5 - 35°C), Humidity 30 - 80% RH (non-condensing)	
Standard Components	Sensor unit, power box, status indicator, X-ray interface cable	
Dimensions (L x W x D)	Sensor unit: 21.7 x 21.7 x 2.3 in. (550 x 550 x 59 mm)	
Weight	28 lbs (12.7 kg)	

Accelerating inSight.

DRB-015 Rev. A

* Compared to all other Digital Radiography Detectors as of August 5, 2011.

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CXDI-401 Series
Digital Radiography Systems



*Lower Dose. Higher Resolution.**



Realize High Sensitivity, Low Dose Digital Imaging at at 125 Micron Pixel Pitch

Canon offers optimized, proprietary scintillator technology in its re-imagined general flat panel fixed detectors — the CXDI-401 Series Digital Radiography Detectors.

Both the CXDI-401G and CXDI-401C DR Detectors take advantage of 125 micron pixel pitch, with increased spatial resolution*, high signal-to-noise performance and high resolution at a low X-ray exposure to the patient.



KEY SPECIFICATIONS

IMAGE SIZE	RESOLUTION	PIXEL PITCH	IMAGE PREVIEW
16.8 x 16.3 INCHES	11.3 MEGAPIXELS	125 MICRONS	3 SECONDS

Software Developed for Optimal Workflow



Engineered exclusively for Canon Digital Radiography Flat Panel Detectors, the CXDI Control Software NE can be leveraged to optimize workflow, usability, and flexibility with multiple study acquisitions and tailored clinical protocols.

- Intuitive Operation
- Reduces Operation Steps
- Multiple Study Acquisition
- Post Processing Functions
- HIPAA and IHE Compliant

The CXDI-401 Series DR Detectors Canon Advantage

Thanks to a large imaging area of 16.8" x 16.3", the CXDI-401 Series DR Detectors capture desired large and small anatomical views. From examinations of skull, chest, abdomen to extremities, the generous size of the detector accommodates a wide variety of exams. Ideal for table stand or universal X-ray systems, the CXDI-401 Series DR Detector allows for easy upgrades and fits into most universal bucky systems.

Stitching Module

The standard stitching module allows you to stitch up to four images automatically, perform measurements and Cobb angles and send DICOM compliant images to a printer or PACS.



Shown with RadPRO wall stand.

HIGH RESOLUTION