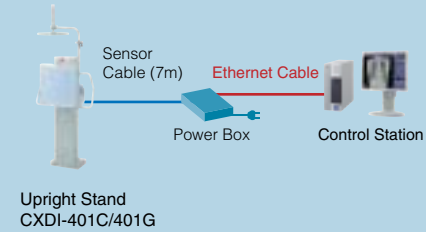
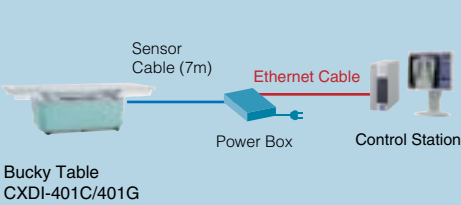


System Configuration Examples

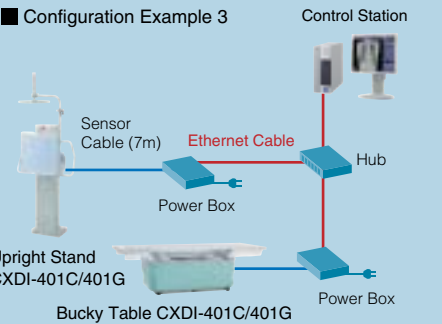
Configuration Example 1



Configuration Example 2



Configuration Example 3



Specifications

		CXDI-401C	CXDI-401G
Purpose	General radiography		
Method	Scintillator & amorphous silicon (a-Si)		
Sensor	LANMIT		
Scintillator	CsI (Cesium Iodide)		GOS (Gd ₂ O ₂ S:Tb)
Grid (detachable)	52 lines; various grid ratio and spacing options available		
Pixel pitch	125 x 125 microns		
Pixels	3,408 x 3,320 pixels (11.3 million pixels)		
Image size	Automatic sizing up to 42.6 x 41.5 cm		
Grayscale	4,096 grayscale (12-bit)		
A/D	16,384 grayscale (14-bit)		
DICOM	DICOM 3.0 compatible, Print Management Service Class (SCU), Storage Service Class (SCU) (JPEG transfer syntax available)		
Operating environment	41-95°F (5-35°C), 30-80% RH		
Voltage	AC100V (50/60Hz)		
Power consumption	50VA Max.		
Dimensions and weight <small>*Not including grid</small>	Upright stand	550 (W) x 555 (D) x 118.7 (H) mm 20.2 kg	
	Bucky table	577.8 (W) x 550 (D) x 59 (H) mm 13.9 kg	
	Universal stand	550 (W) x 555 (D) x 90.8 (H) mm 14.1 kg	

Specifications are subject to change without notice.
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Digital Radiography

CXDI-401C
CXDI-401G
Digital Radiography System

Taking X-ray imaging to the next level



CXDI-401C CXDI-401G

Digital Radiography System



The CXDI series continues evolving to offer higher resolution and quality while maintaining a speedy display.

CXDI-401C/401G is a full-sized flat panel detector with the basic features of the conventional models (CXDI-40 series) enhanced. It carries a high-resolution, high-quality detector with a pixel pitch of 125 microns, while still maintaining a speedy display of approximately 3 seconds after X-ray exposure. Cesium iodide (CsI) is used for the scintillator (CXDI-401C), giving a lower X-ray exposure for the patient.



High resolution/high quality
with a pixel pitch of 125 microns



Offering a high resolution while still maintaining the speedy display of approximately 3 seconds after X-ray exposure



Large Imaging Area

The sensor array structure consists of sensors and switches that achieve a pixel pitch of 125 microns, surpassing conventional models. This enables an X-ray flat panel detector with a large effective imaging area of 42.6 x 41.5 cm.

High performance yet small footprint

The flat panel detector has both a large imaging area and high resolution. The compact size offers high performance and high quality together with a small footprint.

Automatic sizing feature

CXDI-401C/401G automatically sizes the X-ray exposure area. There is no need to select the image size before or after exposure, simplifying the imaging workflow.

Environmentally friendly design

Complies with the RoHS directive which limits the use of specified toxic substances.

Enhanced security features

Complies with HIPAA regulations*, providing advanced security features.

*Health Insurance Portability and Accountability Act. A US law to ensure the portability and accountability of medical insurance.

Image cutout feature

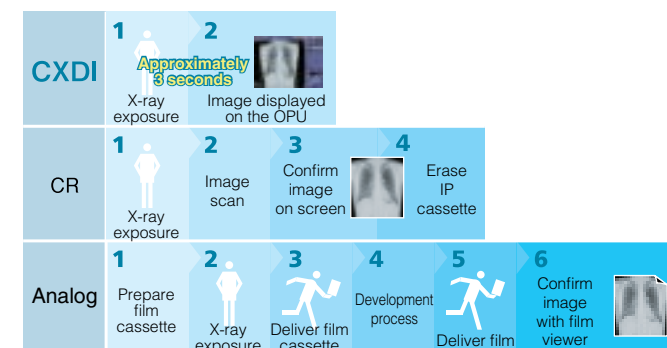
It is possible to cut out only required parts of the image.

Speedy display of approximately 3 seconds after exposure

The image is displayed on the screen approximately 3 seconds after the X-ray exposure. A shorter imaging time means shorter waiting time in front of the equipment for the patient. In the event of imaging errors, the results can be confirmed immediately and another image taken if required.

Simple imaging workflow

The CXDI-401C/401G uses the scintillator in the flat panel detector to convert X-rays into digital data. There is no need to carry cassettes to other locations as with conventional systems. Imaging is completed in three simple steps: expose the X-ray, confirm the image on screen, and transfer the image.



Support for low-dose imaging (CXDI-401C)

Cesium iodide (CsI) with a high scintillation efficiency is used for the scintillator. This raises the sensitivity of the scintillator and allows a lower X-ray exposure for the patient.

