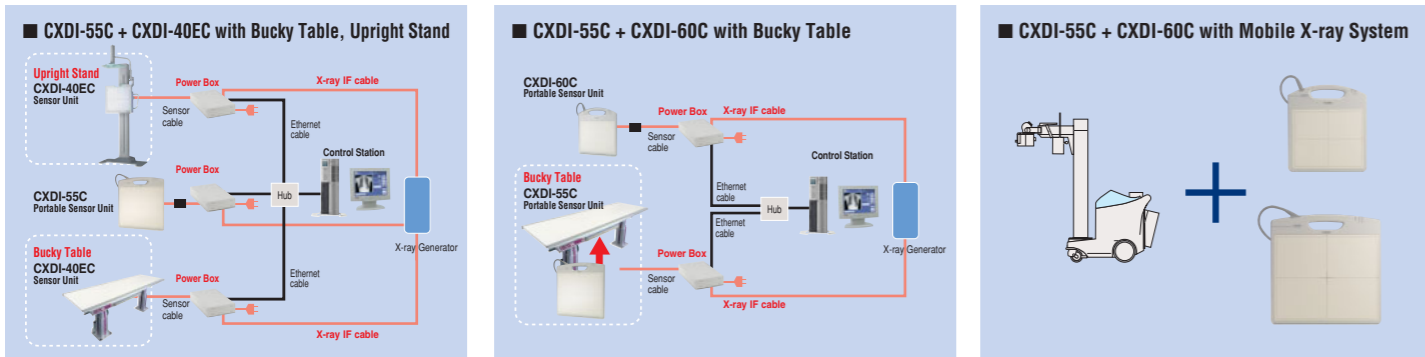


System Configuration Examples



For exact system configuration details, please contact your local authorized Canon representative.

CXDI-55C Specifications

Purpose	General radiography
Method	Flat panel detector: scintillator & amorphous silicon (a-Si)
Sensor	LANMIT (Large Area New-MIS sensor and TFT)
Scintillator	CsI (CsI: TI)
Pixel pitch	160 x 160 microns
Pixels	2,208 x 2,688 pixels (approx. 5.9 million pixels)
Image size	Automatic sizing up to 14 x 17 in. (35 x 43 cm)
A/D	14-bit
Grayscale	4,096 grayscale (12-bit)
Preview image access time	Approx. 3 - 5 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
Power consumption	170 VA maximum
Operating environment	Sensor unit: 41 - 95°F (5 - 35°C), 30 - 50% RH (non-condensing)
Dimensions	Sensor unit (W x L x T): 18.9 x 18.9 x 0.6 in. (480 x 481 x 15 mm)
Weight	Sensor unit w/o cable: 7.5 lbs. (3.4 kg)
Standard components	Sensor unit, power box, remote switch, x-ray interface cable

User Options

Grid	Please contact an authorized Canon dealer.
Software options	Please contact an authorized Canon dealer.

Specifications are subject to change without notice.

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Canon

Digital Radiography System

CXDI-55C

Premium Portable Flat Panel Detector

DR WHERE YOU NEED IT MOST

Thin, Lightweight DR Technology with High Sensitivity

Be gentle.



High-Quality Digital Radiography from a Sensitive, Thin and Lightweight Flat Panel Detector

Canon has once again proven itself the leader in digital radiography. The lightweight CXDI-55C offers convenient DR imaging in a compact device with large area detection and a detachable cable for simple portability. This model also has a highly sensitive scintillator for obtaining high-quality diagnostic images with minimal X-ray exposure.

CXDI-55C

High-Sensitivity DR Technology

The Amorphous Silicon Flat Panel Detector of the CXDI-55C has a scintillator made of Cesium Iodide (CsI). The CsI crystals provide optimal light-channeling properties for effective X-ray absorption and high signal-to-noise performance. The advanced LANMIT technology delivers high-quality diagnostic images with minimal X-ray exposure to patients, an ideal feature for pediatric and orthopedic purposes.



Thin and Lightweight

Impressively thin – the same thickness of standard film cassettes – this light and simple-to-use sensor can be utilized at a moment's notice in trauma centers and ICUs. At only 7.5 lbs. (3.4 kg), the CXDI-55C is so easy to grip and handle that both the patient and X-ray technician can comfortably hold the unit in place during image capture.



Only 0.6 in. (15 mm) thick

Sizeable Detection Area

With a large 14 x 17 in. (35 x 43 cm) imaging area, the generous size of CXDI-55C accommodates a wide variety of radiographic applications, such as skull, spine, chest, abdomen, and extremity examinations.

Superior Diagnostic Imaging

The CXDI-55C uses Canon's Amorphous Silicon Flat Panel Detector. Known as LANMIT, it produces high-resolution, high-contrast diagnostic images. Multi-objective frequency processing by CXDI-55C can be optimally calibrated to view the images on LCD monitors.

Results in Seconds

A preview image is produced immediately after X-ray exposure, allowing for quick image confirmation, timely network distribution, and speedy diagnoses. If another image is required, the sensor is ready for the next X-ray exposure in moments thanks to its rapid refresh cycle.

Extensive Network Capabilities

DICOM 3.0 compatibility enables seamless data transfer to any DICOM devices, PACS, or RIS for efficient data management, printing, archiving, and remote image viewing. Such workflow efficiency means less wait time for patients, as well as higher patient throughput and less of a burden on staff.

Cable Detachment for Mobile Convenience

The CXDI-55C offers the benefits of true portability with a detachable sensor cable: time-effective transport and simple installation. Easily attach different types of CXDI sensors: 55C, 55G, 60C, and 60G.

