< IMPORTANT fold-out: bleed 3 mm

Digital Radiography System

CXDI-70C Wireless

Innovative wireless Flat Panel Detector for increased versatility in your DR room.

- Time reduction
- High resolution
- Wireless
- Lightweight
- Compact
- DICOM 3.0 — DICOM standard
- High sensitivity
- Suitable for Upgrade
- Suitable for Retrofit
- FLUOROS COPY — Fluoroscopy

< folding mark

Canon has been defining the future with innovative solutions for nearly 70 years. In all that time we've constantly strived to improve medical diagnostics in healthcare. Perhaps that's what made us a global leader in digital radiography solutions.

Canon Eco

Our actions are based on honesty and sustainability.

Canon Quality

Safety and quality are an integral component of our actions.

Canon Flexibility

Everything we do has to have a superior customer advantage.

Choose the Digital Radiography system of the future and let our local, authorized Canon dealer advise you.

Canon Inc.
Medical Equipment Group
30-2, Shimomaruko 3-chome,
Ohta-ku, Tokyo,
Japan
Phone: +81-3-3758-2111
Fax: +81-3-5482-3960

Canon Singapore Pte. Ltd.
Medical Equipment Products Division
1 HarbourFront Avenue,
#04-01 Keppel Bay Tower,
Singapore 098632
Phone: +65-6799-8888
Fax: +65-6271-4226

Canon Australia Pty. Ltd.
Optical Products Division
1 Thomas Holt Drive,
North Ryde, NSW 2113,
Australia
Phone: +61-2-9805-2000
Fax: +61-2-9805-2444

< folding mark

< folding mark

< IMPORTANT fold-out: bleed 3 mm

< folding mark

It’s about people.
It’s about image.
It’s about time.

The fastest way to success is to follow the leader: the CXDI-70C Wireless. Canon’s portable Flat Panel Detector gives you unmatched freedom in your digital X-ray room.

The more diverse your requirements, the more our CXDI-70C Wireless system has to offer. Experience it for yourself and find out why taking high-quality X-ray images is so easy with the innovative CXDI-70C Wireless system from Canon. Bringing new levels of flexibility, our wireless, digital radiography system functions perfectly without the need for any sensor cables. Nothing gets in the way of safe operation. The improved, high-quality diagnostic display puts you in the picture quickly and in a quality that sets new standards.

Power at your fingertips. The CXDI-70C Wireless incorporates Canon’s newly developed glass substrate which provides a pixel pitch of 125 microns.The caesium iodide (CsI) scintillator has the highest sensitivity which assures the lowest dose for your patients.

FEEL THE FREEDOM

Thin and lightweight
Imaging area 350 W x 426 L mm,
3.4 kg portable and battery powered

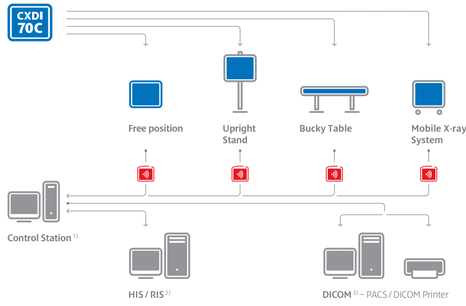
Canon has already made X-Ray history, now we’re creating the future.

Canon’s first wireless, cassette-size digital radiography system gives you more freedom; whatever your DR application, the CXDI-70C gives you more flexibility when it comes to treating patients. The new CXDI-70C Wireless system is as easy to use as a film or CR cassette. However, by removing the need for a sensor cable, it offers all the advantages of high-end digital radiography without the restrictions of traditional systems. The delivery of X-ray images is faster and more precise, enhancing overall efficiency and reducing exposure errors. Outstanding image quality provides greater diagnostic precision and efficient medical examinations. The detector has the same dimensions as a traditional film cassette and fits directly into existing Bucky tables, allowing digital upgrade without having to modify existing analogue imaging equipment. Easy to use and lightweight, the CXDI-70C Wireless gives you increased flexibility and more freedom to provide an enhanced level of care to more patients. Canon’s data management system combined with wireless technology is another step to help improve your workflow.

CANON DR-PANELS

- **Better workflow** Using a DR system saves more than 60 percent of your time because registering the patient and cassette handling are no longer a part of the workflow.
- **Flexible solutions** Whatever the limitations of the patients are – you can perform your examination and read the image in a few moments wherever you are.
- **Upgrade to any system** Canon DR systems can be retrofitted to any X-ray system to upgrade your conventional unit to the latest DR technology level. Existing one-detector systems can be upgraded to multi-detector systems to improve workflow.

Configuration



1) More than one sensor unit can be connected to a single Control Station. (For details, please contact a Canon sales representative).

2) A typical procedure starts with a study order being sent from the HIS or RIS to the Control Station. After image acquisition the study data is communicated from the control station to the RIS, while the X-ray image itself is sent to the PACS.

3) DICOM 3.0 compliant. X-ray images are sent to servers using Storage Service Class (SCU) and to printers using Print Management Service Class (SCU).

Software CXDI Control Software – New Edition

- Real-time viewing of high quality images
- Large and high-resolution monitor
- Optimized workflow with less steps
- Active GUI for intuitive operation
- Supporting various workflows

In addition to Canon’s advanced noise reduction processing, MLT(S) image processing utilizes the multiple frequencies within the image data to emphasize edges and display appropriate dynamic range. For example the subtle details of trabecular bone structure in images of extremities can be shown for enhanced diagnostic accuracy. This process can be preset for repeatability as well as adjusted post-acquisition for variances in diagnostic requirements.

Specifications

Pixel pitch	125 microns
Resolution	2800 x 3408 Pixels (9.5 Megapixels)
Scintillator	CsI
Weight (incl. battery)	3.4 kg (7.5 lb.)
Dimensions	384 W x 460 L x 15 D mm
Imaging area size	350 W x 426 L mm
Wireless network	IEEE 802.11 n (2.4 GHz)
Battery performance *	Max mode: 800 images (@ 15-second cycle, 1-second sleep), 3 hours Ave. mode: 140 images (@ 100-second cycle, 1-second sleep), 4 hours Save mode: 6.5 hours @ sleep mode
Recharge time	Less than 3 hours
Image available time *	Preview image: 3 seconds High-resolution image: 5 seconds
Cycle time *	15 seconds
Composition	• CXDI-70C Wireless detector; including batteries + charger • Control PC with advanced CXDI-NE software preinstalled • DICOM Storage, Print Management, Modality Worklist, Performed Procedure Steps (MPPS), C-echo and Storage Commitment – all as SCU
Options	Handle unit / detachable grid / additional batteries / wiring unit

* are approximate values