CXDI-810C Wireless
CXDI-710C Wireless
CXDI-410C Wireless

Canon's state of the art wireless detector line-up takes you to new heights of possibilities in digital radiography. Reduced weight, dust and waterproof, on-board memory and enhanced detector design are just a few of the clinically beneficial new features.

Ultralight AED* wireless detectors

Using superlight and strong carbon fibre construction techniques, Canon has achieved significant weight reduction, providing less physical strain and reassuringly providing detectors that are among the lightest currently available.
Despite their feather light characteristics, the carbon chassis and frame ensure high performance and high durability, tested for the rigours of demanding daily use.
Superb quality and reliability that you have come to expect from Canon.

- CXDI-710C Wireless   35.0 x 42.6 cm   2.3 kg
- CXDI-810C Wireless   27.4 x 35.0 cm   1.8 kg
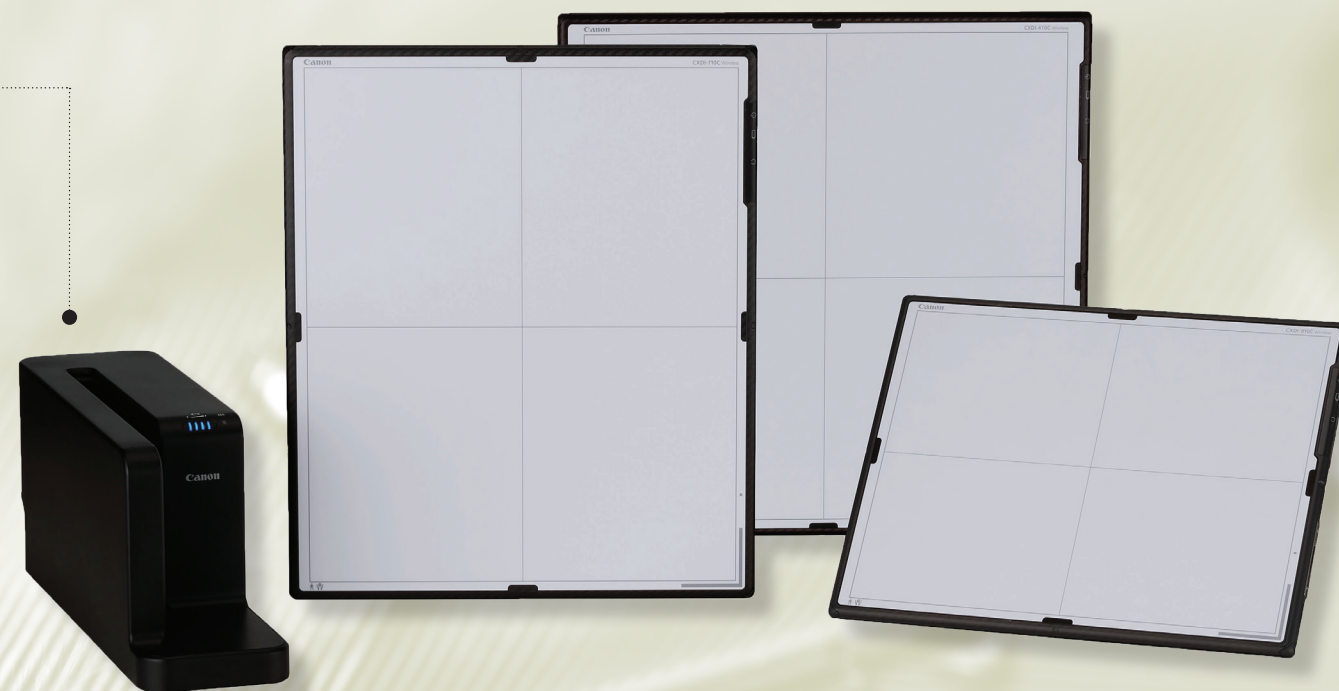- CXDI-410C Wireless   41.5 x 42.6 cm   2.8 kg

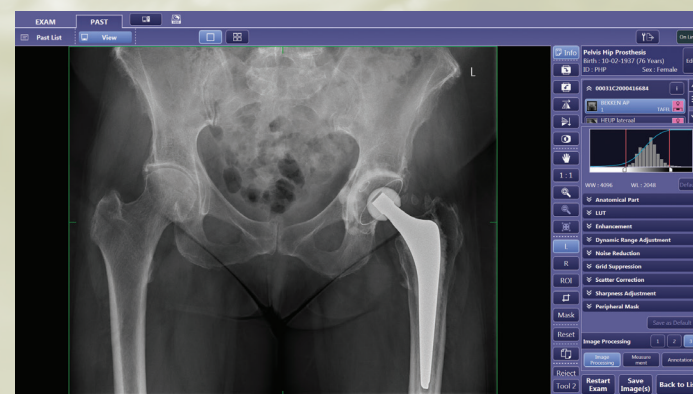* Automatic Exposure Detection

Docking station

The new multi-function docking station combines the following capabilities in one compact desktop unit to help make your work and workflow even more convenient.

The Docking Station enables:
- Detector check-in
- Detector battery charging
- Image transfer

Sleek new detector design

The sleek, tough and ergonomically sculpted new CXDI series wireless detector design includes the following features to enhance the user and patient experience:
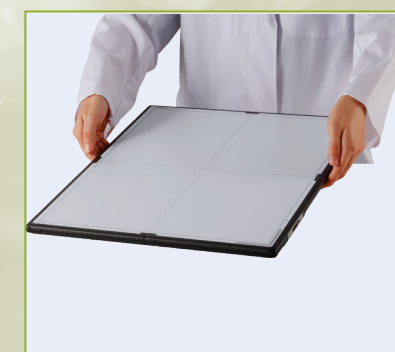
- More comfortable to hold and effective to grip; concern over dropping can be greatly reduced due to the ultralight weight and ergonomic handgrips sculpted into the detector on all 4 sides.

- Easier and more pleasant to handle due to the selection of high quality composite materials, low weight and well-balanced design.

- Easier to position and more comfortable for patients and technologists due to a shaped cover, smooth rounded corners and more comfortable when positioning behind a patient.

Three tough detectors

The use of new composite materials has not only decreased the weight of each detector, but is also beneficial for strength and durability. The new Canon CXDI series wireless detectors can withstand a load of 310 kg; that's more than twice previous detectors and allows direct weight-bearing imaging with obese patients.

IP57 dust- and waterproof

Contact with fluids and dust is inevitable, particularly in emergency- and high-dependency care. Our IP57 protection against dust and liquid entering the FPD provides you with extra assurance in the product, while it is in use under challenging conditions, or when cleaning the product for safety.

CXDI Control Software NE

CXDI Control Software NE is made exclusively for use with Canon Digital Radiography systems. This imaging control and management software helps to optimise work-flow and reduce the steps required to complete each examination quickly. The intuitive Graphical User Interface (GUI) can be used for all types of digital radiography modality and this commonality of GUI across the entire detector range is a major advantage when it comes to speed of operator training, user confidence, convenience and familiarity. Canon CXDI-NE software configuration options ensure a GUI that is always right for you. Comprehensive image processing including 'Scatter Correction', 'Advanced Edge Enhancement' and 'One Shot Long Length' imaging options guarantee optimised image quality with the lowest possible dose; the industry standard DICOM 3.0 interface ensures multi-vendor and cross-platform connectivity in any situation.

On-board image storage

Designed to handle the unexpected, the new Canon CXDI series wireless detectors are even equipped with on-board image memory for those situations where you need the detector to be fully independent. These tough detectors are not only totally independent of any X-ray source you wish to work with, but now can even operate without reliance on any connected image archive. Up to 99 images may be stored and transferred to a workstation at your convenience.

Improved workflow using the 'ready' function

When using multiple detectors in one room, a specific detector can be selected not only from the DR modality workstation but also simply by pressing the 'Ready' button directly on the detector or on the optional Status Indicator.

CXDI-710C / CXDI-810C / CXDI-410C Wireless Specifications[1]

Model name:	CXDI-710C Wireless	CXDI-810C Wireless	CXDI-410C Wireless
Purpose:	General Radiography		
Scintillator:	CsI (Cesium Iodide)		
Weight (incl. battery):	2.3 kg	1.8 kg	2.8 kg
Effective maging area:	35.0 x 42.6 cm	27.4 x 35.0 cm	41.5 x 42.6 cm
External dimensions:	38.4 x 46.0 x 1.57 cm	30.7 x 38.4 x 1.57 cm	46.0 x 46.0 x 1.57 cm
Image matrix size:	2800 x 3408 pixels	2192 x 2800 pixels	3320 x 3408 pixels
Pixel size:	125 µm		
Resolution:	4.0 lp/mm		
DQE:	Typical 65% (0 lp/mm)		
Grey scale:	A/D: 16bit		
Preview image time:	1 sec.[2]		
Cycle Time:	7 sec.[2]		
Dust- and waterproof:	IP57[3]		
Battery performance:	Standard Synchronisation mode 1000 images @ 7 sec. cycle, 108 images @ 100 sec. cycle. Non-Generator Connection mode 1000 images @ 7 sec. cycle, 90 images @ 100 sec. cycle.		
Charging performance:	Detector charging in docking station: approx. 120 min.[4] In battery charger: approx. 150 min. [4]		
Wireless channel/band:	2.4 GHz, 5 GHz (W52, W53, W56, W58)[5]		

Canon

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