

Canon



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

Canon's next generation wireless detector line-up takes you to new heights of possibilities in Digital Radiography. Reduced weight, 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-710CW:** 35.0 x 42.6 cm 2.3 kg
- **CXDI-810CW:** 35.0 x 27.4 cm 1.8 kg
- **CXDI-410CW:** 42.6 x 41.5 cm 2.8 kg

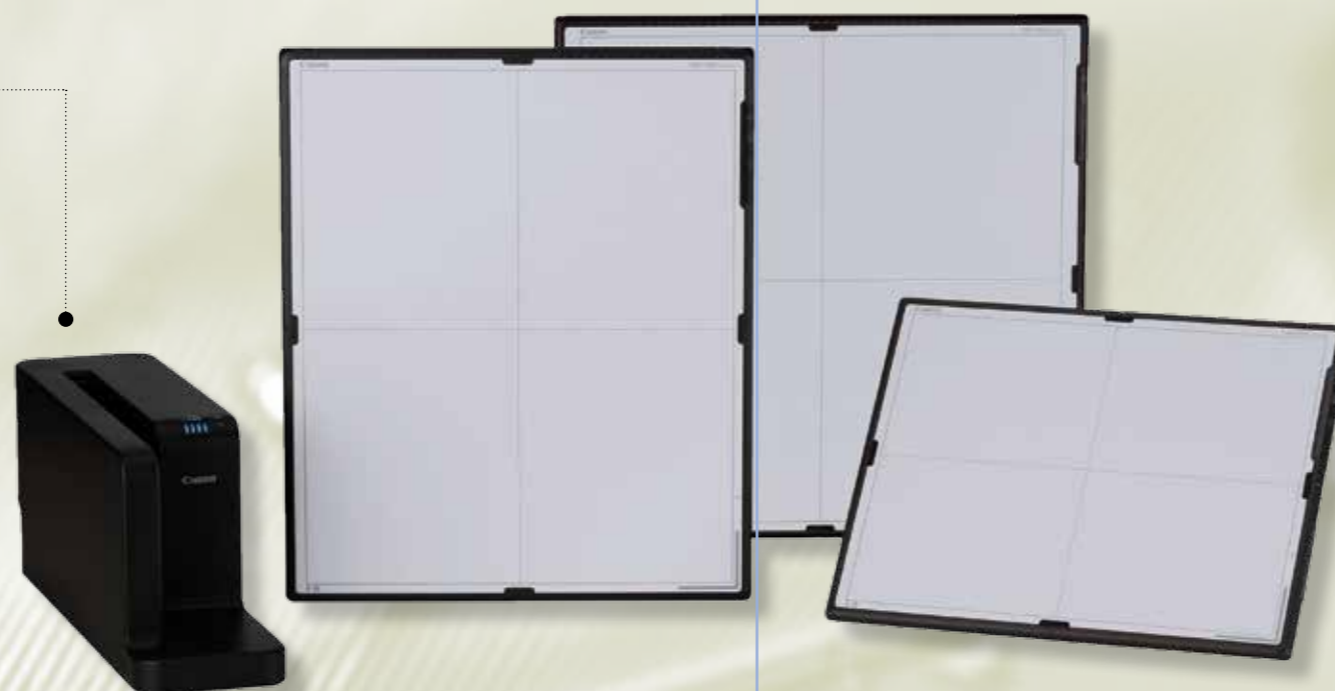
\* Automatic Exposure Detection

## 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



## 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 workflow 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 DR product 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' 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.

## 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.

## IPX7 Waterproof

Contact with fluids is an inevitability at some point during a medical product's operational life, particularly in emergency and high dependency care. Canon CXDI series detectors are designed to cope with fluid soaking and even immersion. Compliant to IPX7, each detector can withstand up to 30 minutes in water to a depth of 1m without incurring damage. Another concern removed in favour of yet another great Canon product.

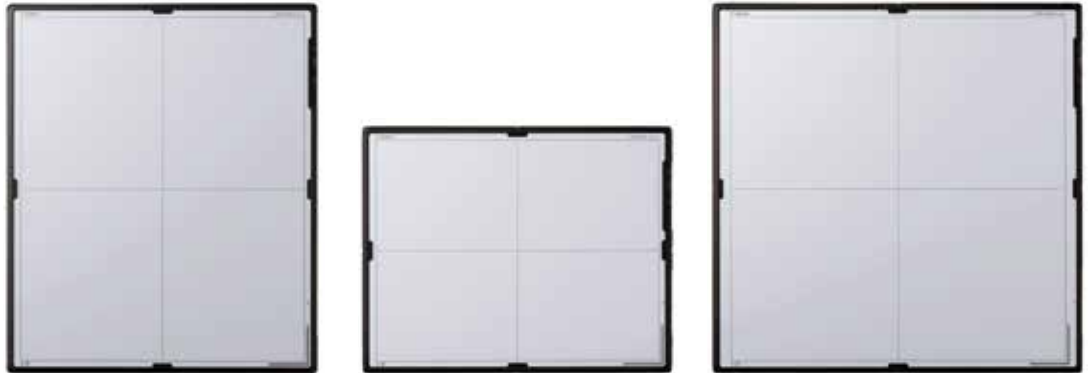
## On-board image storage

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<sup>1</sup>

Model name:	CXDI-710C Wireless	CXDI-810C Wireless <sup>4</sup>	CXDI-410C Wireless <sup>4</sup>
Purpose:	General Radiography		
Scintillator:	CsI (Caesium Iodide)		
Weight (incl. battery):	2.3 kg	1.8 kg	2.8 kg
Effective maging area:	35.0 x 42.6 cm	35.0 x 27.4 cm	42.6 x 41.5 cm
External dimensions:	38.4 x 46.0 x 1.57 cm	38.4 x 30.7 x 1.57 cm	46.0 x 46.0 x 1.57 cm
Image matrix size:	2800 x 3408 pixels	2800 x 2192 pixels	3408 x 3320 pixels
Pixel size:	125 µm		
Resolution:	4.0 lp/mm		
DQE:	>0.6 (0 lp/mm)		
Grey scale:	65536 gradations (A/D: 16bit)		
Preview image time:	1 sec. <sup>2</sup>		
Cycle Time:	7 sec. <sup>2</sup>		
Water resistance rating:	IPX7 (immersion to a depth of 1m for 30 minutes) <sup>5</sup>		
Battery performance:	Standard Synchronisation mode Max. 1000 images @ 7 sec. cycle, Avg. 140 images @ 100 sec. cycle.		
	Non-Generator Connection mode Max. 1000 images @ 7 sec. cycle, Avg. 110 images @ 100 sec. cycle.		
Charging performance:	Detector charging in docking station: approx. 120 min. <sup>6</sup> In battery charger: approx. 150 min. <sup>6</sup>		
Wireless channel/band:	2.4 GHz, 5 GHz (W52, W53, W56, W58) <sup>3</sup>		

### ДИСТРИБУТОР:

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<sup>1</sup>Specifications subject to change

<sup>2</sup>Depending on acquisition mode

<sup>3</sup>W53, W56 supports only in Module receiver mode

<sup>4</sup>Commercially not available in Europe

<sup>5</sup>Please refer to the manual for additional details

<sup>6</sup>At an ambient temperature of 25°C