Canon

Easy Upgrade to DR with Non Synchronized Exposure (NSE)

In less than 2 minutes with just a few components you can upgrade your existing CR or Analogue mobile or fixed system to DR using Canon's latest Flat Panel Technology and Control Software. The NSE mode requires no modification to existing systems.

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 optimize 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 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' and 'Advanced Edge Enhancement' imaging options guarantee optimized image quality with the lowest possible dose; the industry standard DICOM 3.0 interface ensures multi-vendor and cross-platform connectivity in any situation.

Scatter Correction

Canon's Scatter Correction reduces the effect of scattered radiation for non-grid examinations, allowing you to obtain images with outstanding contrast.

Before   After
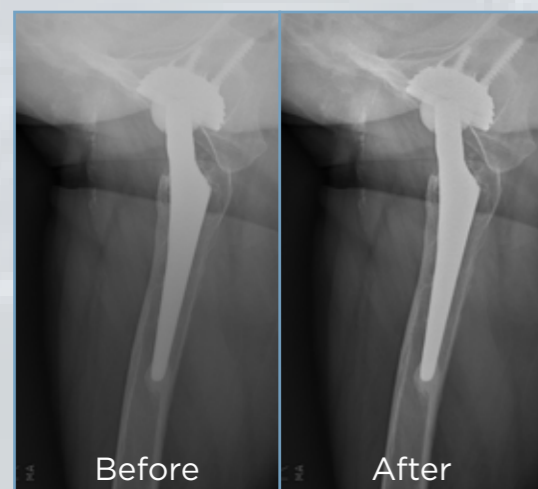
Advanced Edge Enhancement

Improved visualization of tubes, lines and bone details. The software has three different image processing algorithms (small structures, bone detail and catheter setting).

Before   After
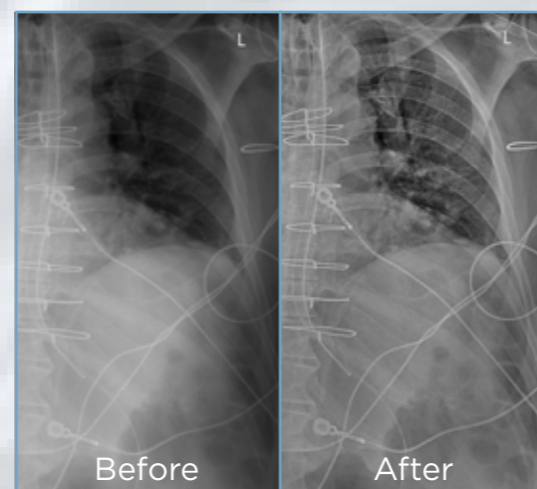
Extend the life of your existing equipment and benefit from Canon DR instantly.

Only a few components are required to provide instant DR with most existing X-ray systems whether they are fixed, mobile or portable. This Canon solution is battery powered, has a low weight and thanks to the Non Synchronized Exposure mode, (NSE), no connection to the generator is required making this a solution that is easy to install and use anywhere.

Shareable across systems
- Benefit from the flexibility Canon has to offer and move the set-up between systems.

Optimal dose registration workflow
- With the optional USB DAP meter integration, the dose is directly added to the DICOM header of the image and available for further processing.

System Key Features
- Use just some lightweight Canon components to create DR studies with most X-ray systems.
- No connections or modifications to your existing X-ray system necessary
- Not tied to any X-ray system; simply pick up and move to another.
- NSE mode and Stand Alone[1] mode to capture exposures even without a laptop when needed.

Multifunctional protective case[2]
- Protective case to safely carry the laptop around and fits in most mobiles together with the detector.
- Storage in Laptop case for extra detector battery, ready indicator, wireless dongle and USB-C to ethernet adapter for wired connections.
- Second case is available for the battery charger and charger for the laptop.

Solution Composition
- Portable DR Workstation (laptop or desktop) with Canon CXDI-NE software
- Canon Flat Panel Wireless detector (CXDI-710 or CXDI-702 series)
- Optional Protective cases
- Optional Accessories: extra detector battery, ready indicator, wireless dongle and USB-C to ethernet adapter

X-Ray Room   Mobile X-Ray
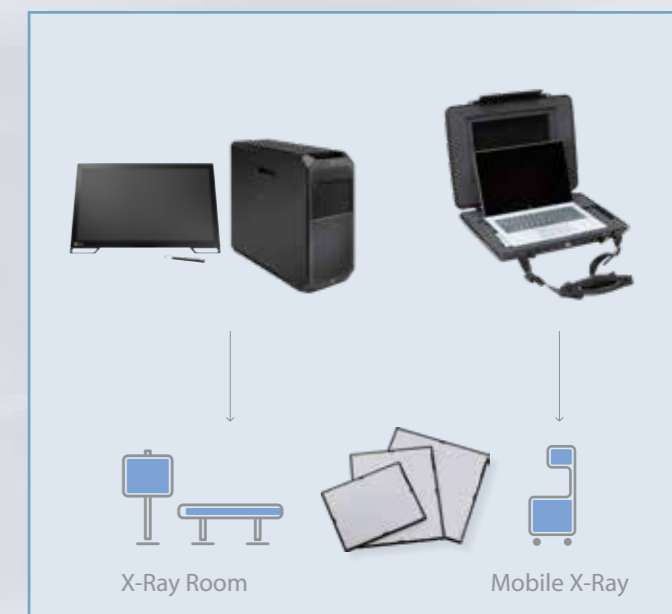
CXDI-710C / CXDI-702C Wireless Series Specifications[3]

Model name:	CXDI-710CW	CXDI-410CW	CXDI-810CW	CXDI-702CW	CXDI-402CW
Purpose:	General Radiography				
Scintillator:	CsI (Cesium Iodide)				
Weight (incl. battery):	2.3 kg	2.8 kg	1.8 kg	3.1 kg	3.7 kg
Effective imaging area:	35 x 43 cm	42 x 43 cm	27 x 35 cm	35 x 43 cm	42 x 43 cm
External dimensions:	38.4x46.0x1.57 cm	46.0x46.0x1.57 cm	30.7x38.4x1.57 cm	38.4x46.0x1.57 cm	46.0x46.0x1.57 cm
Image matrix size:	2800x3408 pixels	3320x3408 pixels	2192x2800 pixels	2800x3408 pixels	3320x3408 pixels
Dust- and waterproof:	IP57[4]	IP57[4]	IP57[4]	IP55[4]	IP55[4]
Pixel size:	125 µm				
Resolution:	4.0 lp/mm				
DQE:	Typical 65% (0 lp/mm)				
Gray scale:	A/D : 16bit				
Preview image time:	1 sec.[5]				
Cycle Time:	7 sec.[5]				
Battery performance:	Standard synchronization 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.[6] In battery charger approx. 150 min.[6]				
Wireless channel/band:	2.4 GHz, 5 GHz (W52, W53, W56, W58)[7]				

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