Canon

DIGITAL RADIOGRAPHY

CXDI-Pro

Canon's new pro-range wireless flat panel detectors bring you digital radiography everywhere in the hospital. With its improved communication performance and easy system integration, it assists with simplifying x-rays in the department as well as on mobiles and operating theaters.

Fast

- Cycle time < 5 seconds
- Time for ready < 4 seconds
- Preview 1 second

Tough, Durable & Light weight

- From 2.1 kg
- Covers can be exchanged
- IP55 water & dust resistant

Ergonomic design

- Comfortable hold and grip with 4 positions
- Easier to position
- Less strain for operator
- Easy to clean smooth surface

Battery performance

- More than 9.5 hours in stand by mode
- Battery can easily be exchanged

CXDI Control Software NE

- Optimized workflow
- Body parts and customer specific image processing
- Secure: encryption of data and DICOM compliance
- Optional features like scatter correction, advanced edge enhancement, etc.

Excellent Image quality
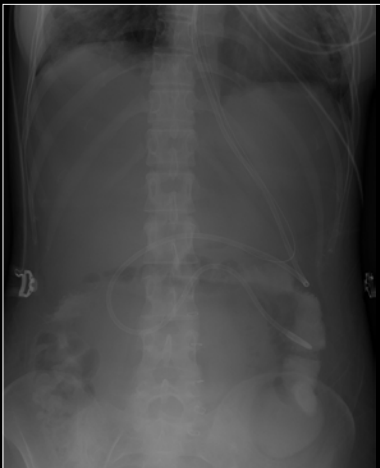
- Improved signal to noise ratio

Last image hold

- The last image is always on the detector, even when connection to the WIFI is suddenly interrupted
- This provides you with the confidence that no unnecessary dose is applied to the patients
- Once the WIFI is restored the image is forwarded to the system
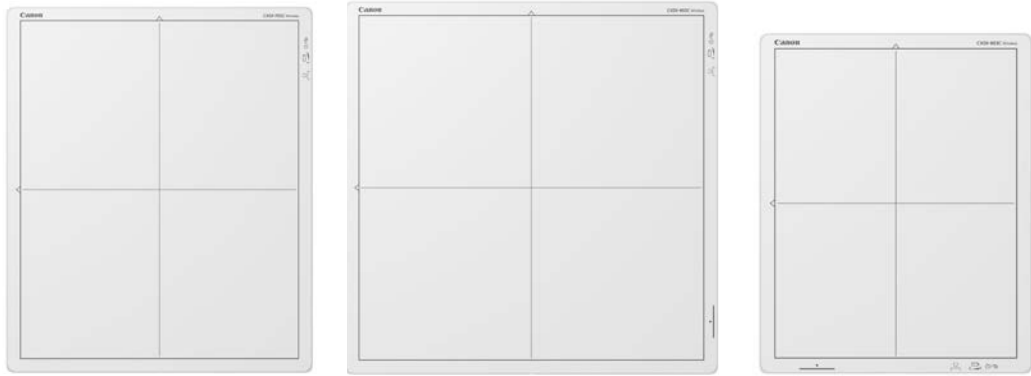

Scatter correction (optional)

- Excellent image contrast of any body region without a grid
- Reduce detector handling weight
- Eliminate grid misalignments and artefacts
- Dose reduction
- Consistent image quality

Before   After

CXDI-Pro Series Specifications[1]

Model name:	CXDI-703C Wireless	CXDI-403C Wireless	CXDI-803C Wireless
Purpose:	General Radiography		
Scintillator:	CsI (Cesium Iodide)		
Weight (incl. battery):	2.9 kg	3.5 kg	2.1 kg
Effective imaging area:	35 x 43 cm	43 x 43 cm	27 x 35 cm
External dimensions:	38 x 46 cm	46 x 46 cm	31 x 38 cm
Image matrix size:	2496 x 3040 pixels	3040 x 3040 pixels	1952 x 2496 pixels
Pixel size:	140 µm		
Resolution:	3.5 lp/mm		
DQE:	Typical 65%(0 lp/mm) / 58%(0.5 lp/mm)[2]		
Grey scale:	A/D: 16bit		
Preview image time:	1 sec.[3]		
Cycle Time:	<5 sec.[3]		
Dust- and waterproof:	IP55[4]		
Battery performance:	Standard Synchronisation mode Approx. 1500 images @ 7 sec. cycle, 140 images @ 100 sec. cycle. Non-Generator Connection mode Approx. 1500 images @ 7 sec. cycle, 140 images @ 100 sec. cycle.		
Charging performance:	Detector charging in detector stand: approx. 150 min.[5] In battery charger: approx. 150 min.[5]		
Wireless channel/band:	2.4 GHz, 5 GHz (W52, W53, W56, W58)[6]		

Detector stand

Battery Charger

Wiring Cable

Multi Box

Power Box

PC connection cable

Ready Indicator

Status Indicator

Battery Pack

[1]Specifications subject to change.
[2]0 lp/mm is extrapolated value IEC62220-1-1 2015 (RQA5).
[3]Dependent on acquisition mode.
[4]Based on tests conducted by an independent institution.
Certification does not guarantee against failure or damage.
Dust and water resistance may be compromised by substantial
impacts (dropping, crushing, etc.).
[5]At an ambient temperature of 25°C
[6]W53, W56 supports only in module receiver mode.

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