



Canon



DIGITAL RADIOGRAPHY

CXDI-Elite

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



Excellent DQE and MTF

- DQE Typical 74% (0 lp/mm)
- MTF Typical larger than 45% (2 lp/mm)

- Small size detector 27 x 35 coming soon

Tough, Durable & Light weight

- From 1.8 kg
- High quality materials
- Covers can be exchanged
- Exchangeable batteries

Ergonomic design

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

Battery performance

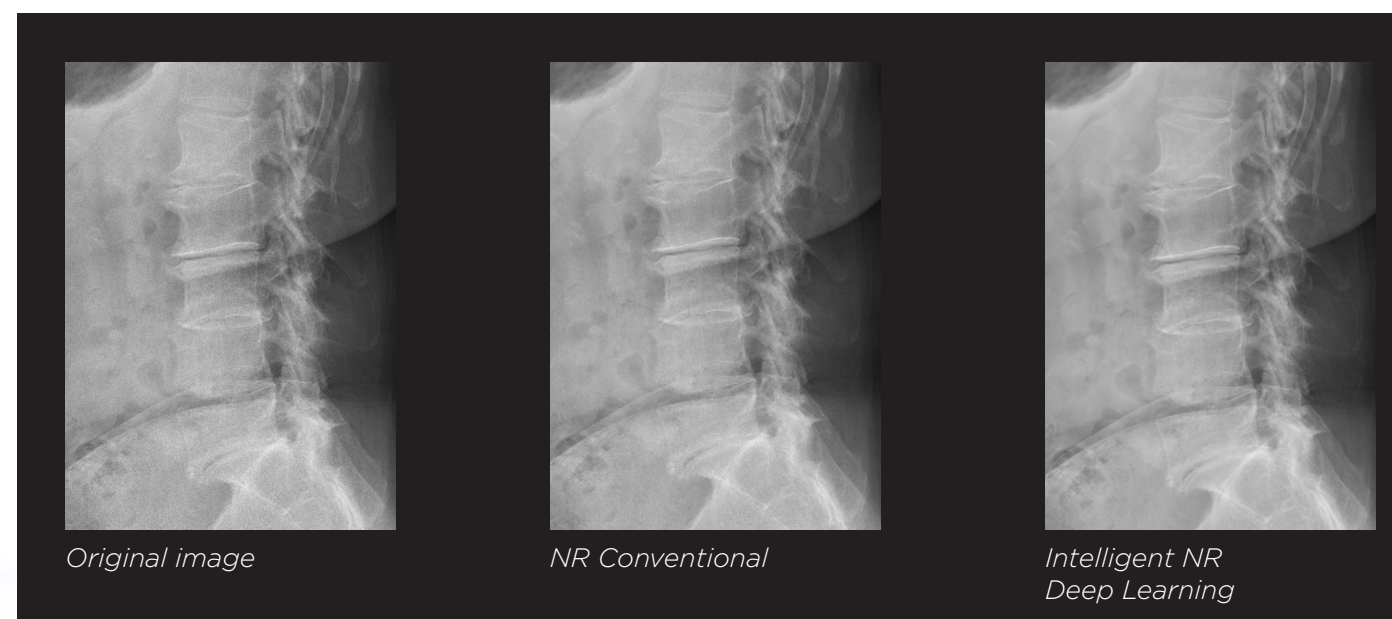
- More than 9.5 hours in stand by mode
- Battery can easily be exchanged



Intelligent NR

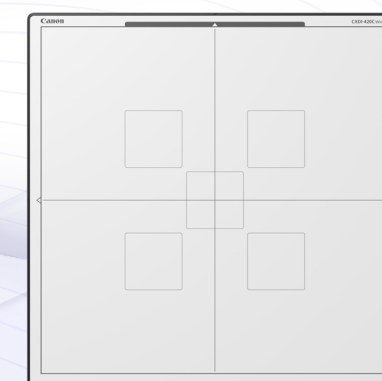
DEEP LEARNING

- Intelligent noise reduction
- Improved image quality
- Possible dose benefit
- Assist diagnosis



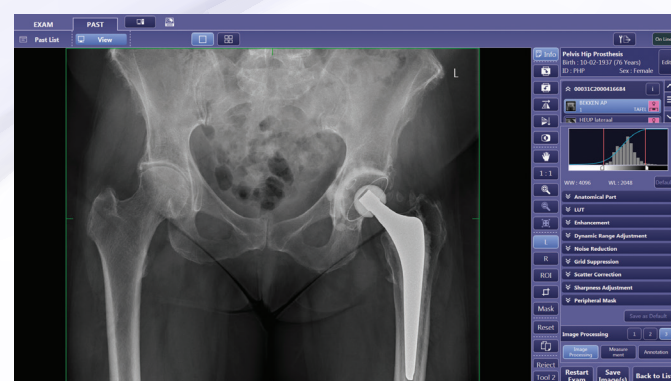
Built-in AEC Assistance

- Optimize X-ray dose without external AEC sensor
- Ideal for free positioning
- Auto ROI selection by rotation
- Different ROI patterns can be selected

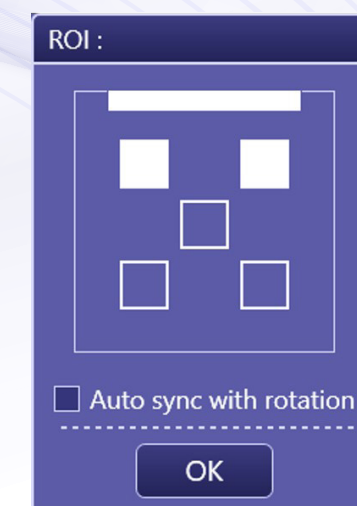
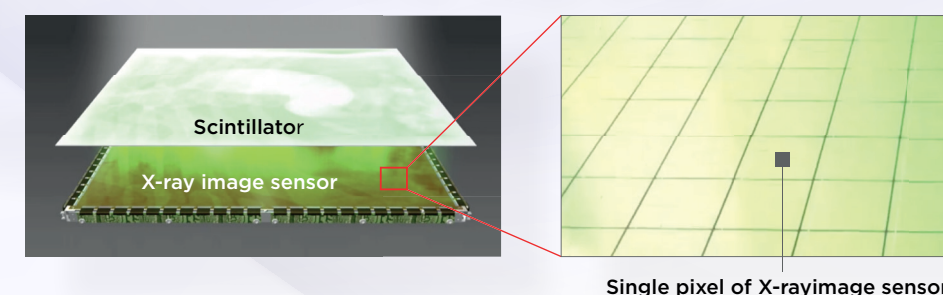


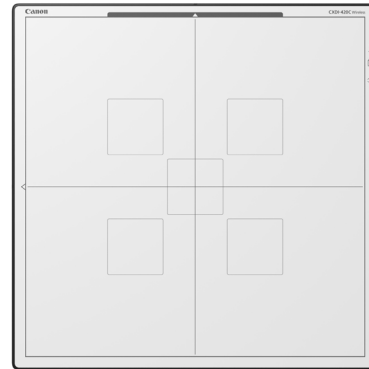
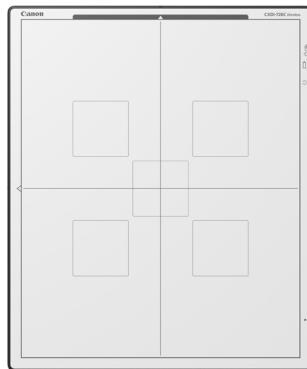
CXDI Control Software NE

- Optimized workflow
- Body parts and customer specific image processing
- Secure
- Optional features like scatter correction, advanced edge enhancement, Intelligent NR, Built-in AEC assistance, etc.



X-ray image sensor





CXDI-Elite Series Specifications¹

Model name:	CXDI-720C Wireless	CXDI-420C Wireless
Purpose:	General Radiography	
Scintillator:	CsI (Cesium Iodide)	
Weight (incl. battery):	2.3 kg	2.7 kg
Effective imaging area:	35 x 43 cm	43 x 43 cm
External dimensions:	38 x 46.0 cm	46 x 46 cm
Image matrix size:	2800 x 3408 pixels	3408 x 3408 pixels
Pixel size:	125 µm	
Resolution:	4.0 lp/mm	
DQE:	Typical 74% (0 lp/mm) / 67% (0.5 lp/mm) ²	
Grey scale:	A/D: 16bit	
Preview image time:	1 sec. ³	
Cycle Time:	4 sec. ³	
Dust- and waterproof:	IP57 ⁴	
Battery performance:	Standard Synchronisation mode Approx. 2000 images @ 7 sec. cycle, 100 images @ 100 sec. cycle. Non-Generator Connection mode Approx. 1900 images @ 7 sec. cycle, 145 images @ 100 sec. cycle.	
Charging performance:	Detector charging in detector stand: approx. 150 min. ⁵ In battery charger: approx. 150 min.	
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

¹Specifications subject to change.

²0 lp/mm is extrapolated value IEC62220-1-1 2015 (RQA5).

³Dependent on acquisition mode.

⁴Based 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.).

⁵At an ambient temperature of 25°C

⁶W53, W56 supports only in module receiver mode.