



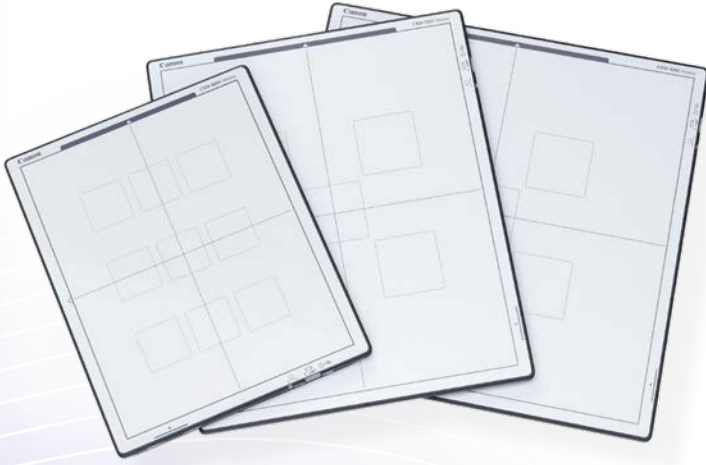
Canon



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)

## 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



## 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, Intelligent NR, Built-in AEC assistance, etc.

# Intelligent NR

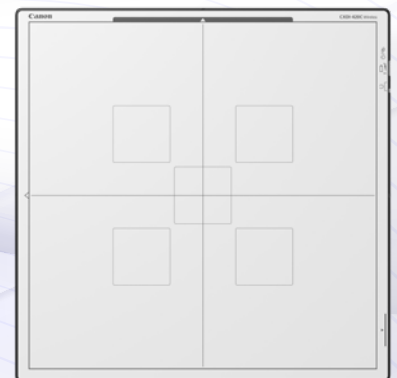
DEEP LEARNING

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

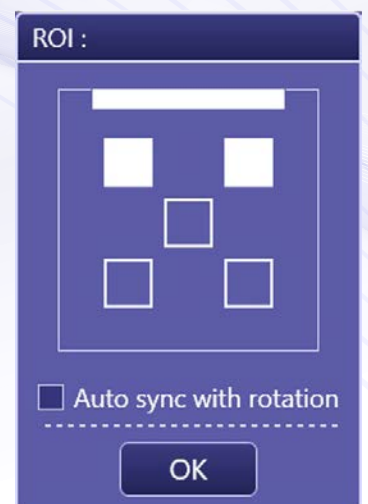
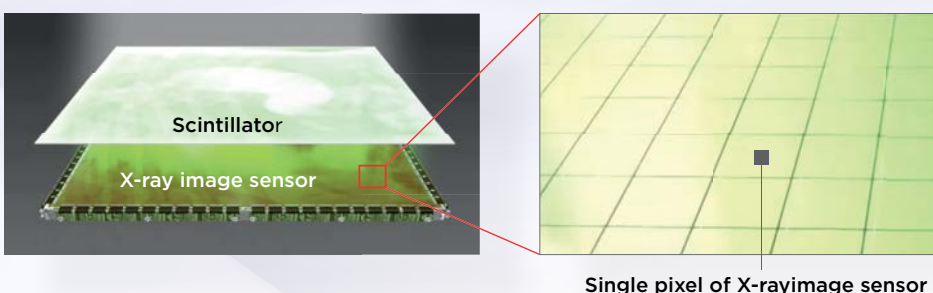


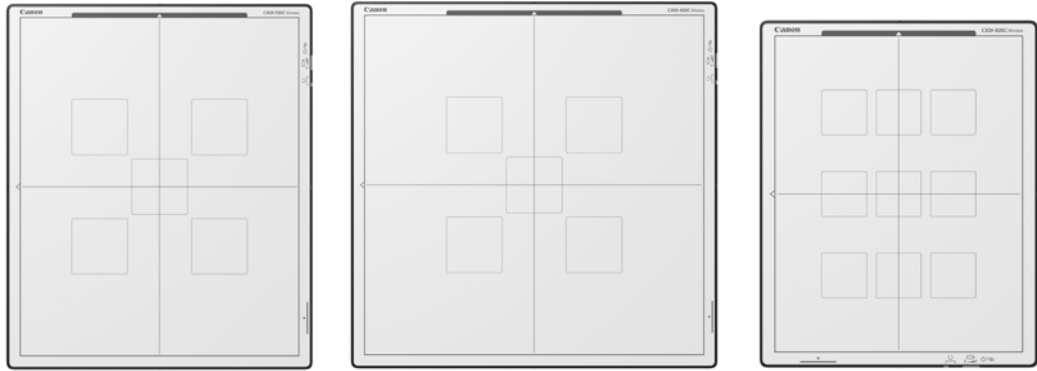
## Built-in AEC Assistance

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



### X-ray image sensor





## CXDI-Elite Series Specifications<sup>1</sup>

Model name:	CXDI-720C Wireless	CXDI-420C Wireless	CXDI-820C Wireless
Purpose:	General Radiography		
Scintillator:	CsI (Cesium Iodide)		
Weight (incl. battery):	2.3 kg	2.7 kg	1.8 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:	2800 x 3408 pixels	3408 x 3408 pixels	2192 x 2800 pixels
Pixel size:	125 µm		
Resolution:	4.0 lp/mm		
DQE:	Typical 74% (0 lp/mm) / 67% (0.5 lp/mm) <sup>2</sup>		
Grey scale:	A/D: 16bit		
Preview image time:	1 sec. <sup>3</sup>		
Cycle Time:	4 sec. <sup>3</sup>		
Dust- and waterproof:	IP57 <sup>4</sup>		
Battery performance:	Standard Synchronisation mode Approx. 2075 images @4sec. cycle, 160 images @100 sec. cycle. Non-Generator Connection mode Approx. 1975 images @4sec. cycle, 145 images @100 sec. cycle		
Charging performance:	Detector charging in detector stand: approx. 150 min. <sup>5</sup> In battery charger: approx. 150 min.		
Wireless channel/band:	2.4 GHz, 5 GHz (W52, W53, W56, W58) <sup>6</sup>		



Detector stand



Battery Charger



Wiring Cable



Multi Box



Power Box



PC connection cable



Ready Indicator



Status Indicator



Battery Pack

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

<sup>2</sup>0 lp/mm is extrapolated value IEC62220-1-1 2015 (RQA5).

<sup>3</sup>Dependent on acquisition mode.

<sup>4</sup>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.).

<sup>5</sup>At an ambient temperature of 25°C

<sup>6</sup>W53, W56 supports only in module receiver mode.