



DIGITAL RADIOGRAPHY

CXDI-820C WIRELESS

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.

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Intelligent NR

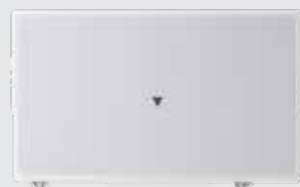
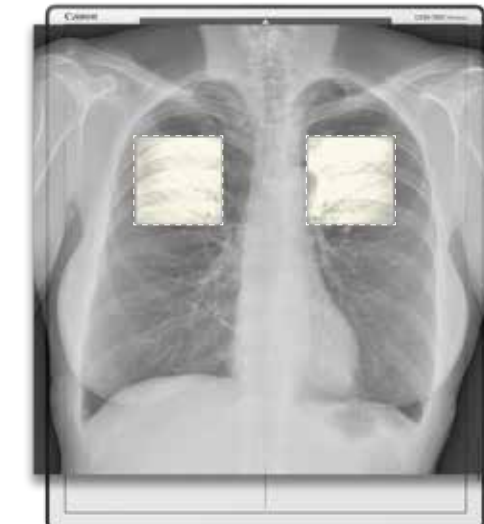
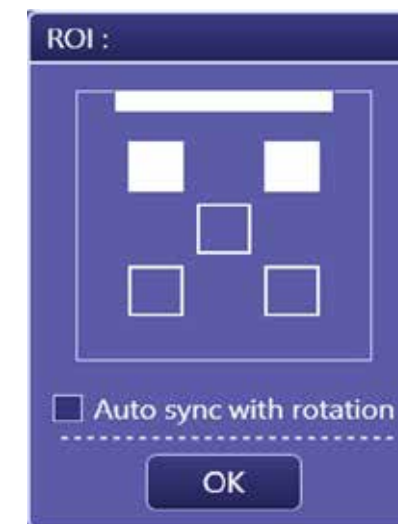
DEEP LEARNING

- Intelligent noise reduction
- Improved image quality
- Dose benefit
- Assists 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



BATTERY PERFORMANCE

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



TOUGH, DURABLE & LIGHT WEIGHT

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



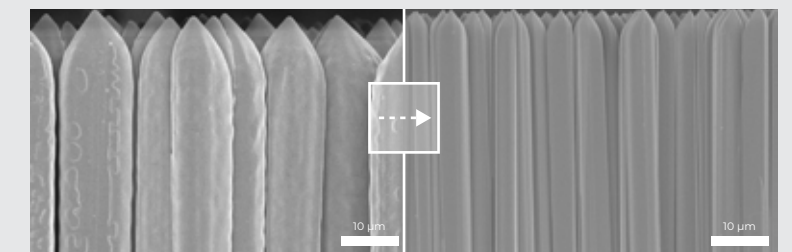
ERGONOMIC DESIGN

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



CXDI CONTROL SOFTWARE NE

- Optimized workflow
- Body parts and customer specific image processing
- Secure
- Optional features like Scatter Correction, Intelligent NR, Built-in AEC assistance etc.



EXCELLENT DQE AND MTF

- Thin and clean CsI pillar crystals can provide sharper images with both high DQE and MTF value
- DQE Typical 74% (0 lp/mm)
- MTF Typical larger than 45% (2 lp/mm)

CXDI-820C WIRELESS SPECIFICATIONS¹

CXDI-820C Wireless



Purpose:	General Radiography
Scintillator:	CsI (Cesium Iodide)
Weight (incl. battery):	1.8 kg
Effective imaging area:	27 x 35 cm
External dimensions:	31 x 38 cm
Image matrix size:	2192 x 2800 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



Multi Box



Power Box



PC Connection Cable



Detector Stand



Battery Charger



Wiring Cable

¹Specifications subject to change.

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

³Dependent on acquisition mode.

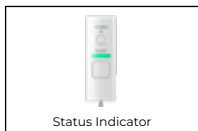
⁴Based on tests conducted by an independent institution.

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.



Status Indicator



Ready Indicator



Battery Pack



Suitcase

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