



**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.

**Canon**

# Intelligent **NR**

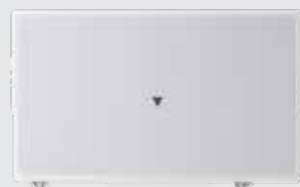
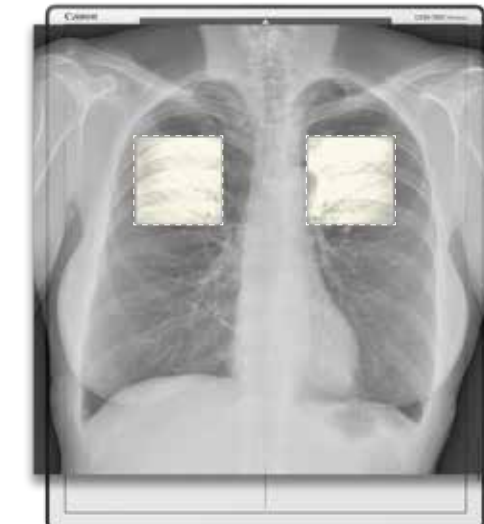
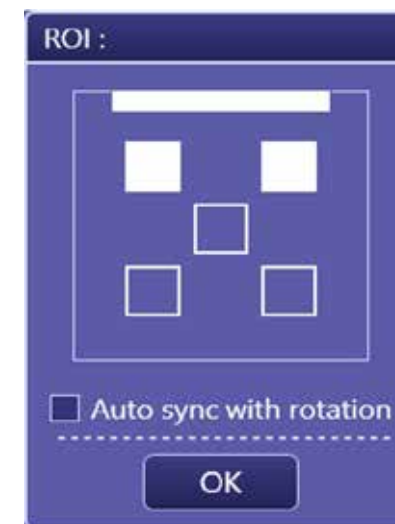
DEEP LEARNING

- 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



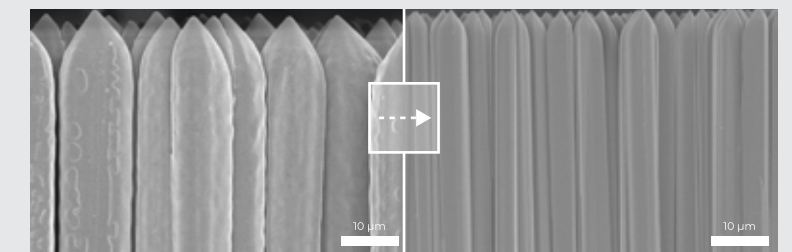
### ERGONOMIC DESIGN

- 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 SPECIFICATIONS<sup>1</sup>

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) <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. 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. <sup>5</sup> In battery charger: approx. 150 min.
Wireless channel/band:	2.4 GHz, 5 GHz (W52, W53, W56, W58) <sup>6</sup>



Multi Box



Power Box



PC Connection Cable



Detector Stand



Battery Charger



Wiring Cable

<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.

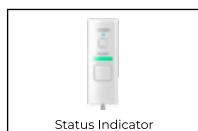
<sup>4</sup>Based on tests conducted by an independent institution.

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.



Status Indicator



Ready Indicator



Battery Pack



Suitcase

**Canon**

CANON MEDICAL COMPONENTS EUROPE B.V.

Bovenkerkerweg 59, 1185 XB, Amstelveen, Netherlands

© 2023 CANON MEDICAL COMPONENTS EUROPE B.V.

All rights reserved. All products and names mentioned are the property of their respective owners. While Canon has made every effort at the time of publication to ensure the accuracy of the information provided herein, product specifications, configurations, prices, system/component/options availability are all subject to change without notice. When used for medical imaging applications, the customer assumes full responsibility and liability to determine suitability for use as well as responsibility for documentation and testing to comply with relevant medical device standards. Canon assumes no liability for such applications.

ELITE 062025 V1\_MSI-FAS

**FAS**  
Technology & Diagnostics

FAS - 37, rue du Bois Chaland - 91090 LISSES  
Tel : 01 60 86 17 17  
www.fas-imagerie.com