

## DIGITAL RADIOGRAPHY

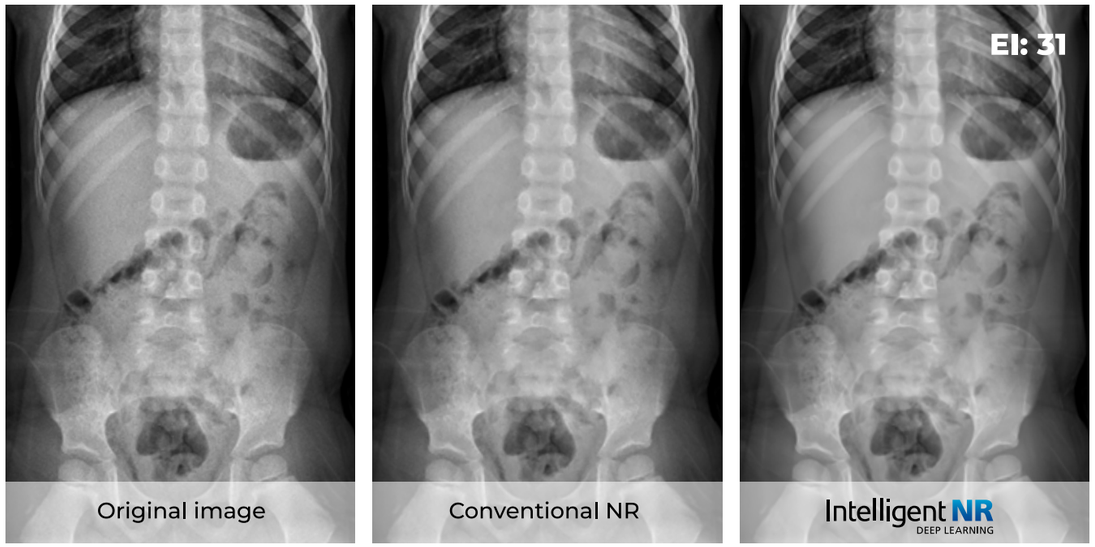
# CXDI-820C WIRELESS

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

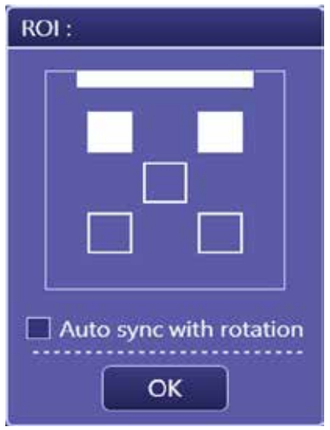
# Intelligent NR
DEEP LEARNING

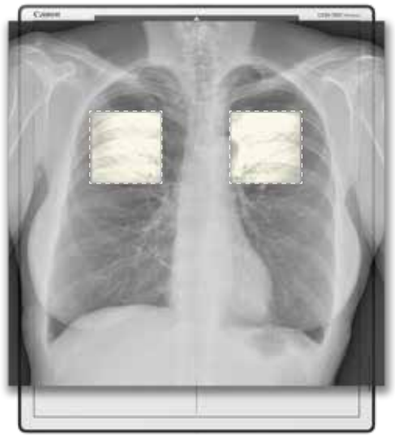
- Intelligent noise reduction
- Improved image quality
- Dose benefit
- Assists diagnosis




# 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



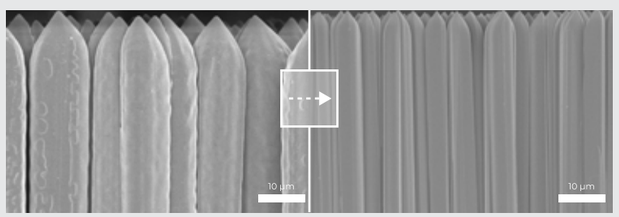



## BATTERY PERFORMANCE
- More than 9.5 hours in stand-by mode
- Battery can be easily exchanged

## 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[1]


| | |
|---|---|
| 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

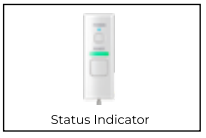

Power Box


PC Connection Cable


Detector Stand


Battery Charger


Wiring Cable


Status Indicator


Ready Indicator


Battery Pack


Suitacase

[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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