## DIGITAL RADIOGRAPHY

# CXDI-ELITE

## 420C FIXED

The Digital Radiography System with improved sensitivity and resolution allows for quick upgrade of your existing radiography equipment and fits easily into most universal Bucky systems. CXDI-420C Fixed is also compatible with Built-in AEC assist and Intelligent NR.
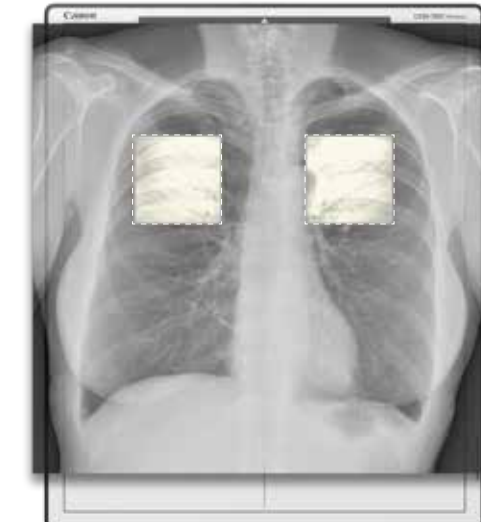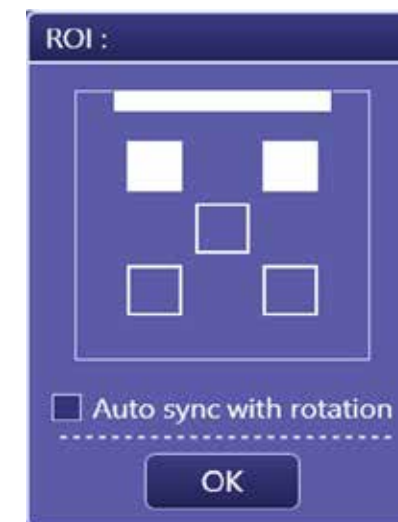
**Canon**

# Intelligent NR
DEEP LEARNING

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



Original image

Conventional NR

Intelligent NR
DEEP LEARNING

EI: 31

# 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



ROI :

☐ Auto sync with rotation

OK

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## DETECTOR SHARING (SHARABLE ACROSS SYSTEMS)

- Expanded with additional Canon FPD's like our premium wireless FPD
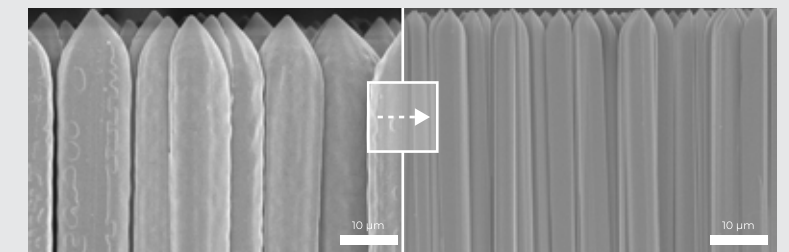- Running with the same CXDI Control Software NE platform.

## EASY STREAMLINED UPGRADES

- Fits easily into standard 46 x 46 cm bucky
- Retrofitted into a range of radiography devices, such as upright stands and tables.

## 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)

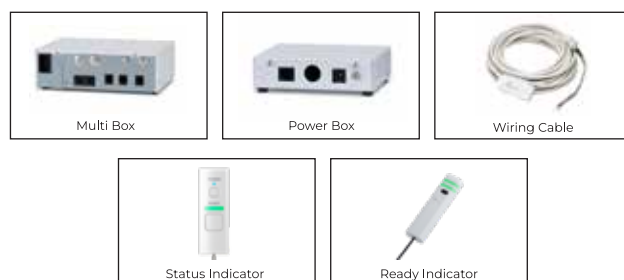# CXDI-420C FIXED SPECIFICATIONS[1]

**CXDI-420C Fixed**

| | |
|---|---|
| Purpose: | General Radiography |
| Scintillator: | CsI (Cesium Iodide) |
| Weight (incl. battery): | 6.1 kg (excl. cable) |
| Effective imaging area: | 43 x 43 cm |
| External dimensions: | 46 x 46 cm |
| Image matrix size: | 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] |

[1]Specifications subject to change.

[2]0 lp/mm is extrapolated value IEC62220-1-1 2015 (RQA5).

[3]Dependent on acquisition mode.

Multi Box          Power Box          Wiring Cable

Status Indicator          Ready Indicator

420F 012025 V2