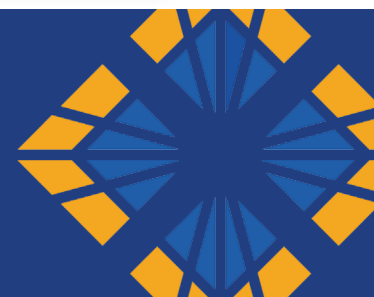# AMRAD ❖ Medical
by **Summit Industries**

Canon CXDI Pro DR

DIGITAL IMAGING PACKAGE

Optimize your AMRAD Medical System with Canon DR

Upgrade your AMRAD Medical general radiographic system with the power of the Canon CXDI Pro digital imaging package. Achieve exceptional images with fast and efficient user friendly image acquisition software.

Canon CXDI-Pro Wireless Detectors

The Canon CXDI-Pro wireless DR packages are designed to support the demands of medical imaging departments for cost-effective solutions without compromise. This new generation of wireless detectors provides features that optimize workflow and offer high quality imaging and reliability you can count on.

- **CXDI-703C Wireless Detector:** 14" x 17" (6.4 lb. with battery)
- **CXDI-803C Wireless Detector:** 11" x 14" (4.6 lb. with battery)
- **CXDI-403C Wireless Detector:** 17" x 17" (7.7 lb. with battery)

Battery Charger

- Charge up to two batteries at the same time
- Indicator lights show charging status (25%, 50%, 75%, 100% charged)
- Automatically stops charge when full battery capacity is reached

AED Function

These DR (Digital Radiography) detectors are equipped with AED (Automatic Exposure Detection) functionality. In this mode, the start of radiation is automatically detected by the sensor panel at exposure time.

Protection

Contact with fluids is inevitable, particularly in emergency and high-dependency care. The IP55 protection against liquid and dust entering the FPD provides you with extra assurance in the product, while it is in use under challenging conditions, or when cleaning the product for safety.

Essential Features, Exceptional Reliability

Easy Handling & Cleaning

The sleek detector design includes an ergonomic handgrip (6.8mm depth*) that is sculpted into the lightweight detector making it comfortable to hold and easy to grip.

Smooth rounded corners make it easy for the technologist to position and comfortable for the patient.
CXDI-703CW and 403CW detectors only

Optional Tethered Operation

The tethered option provides quick and reliable operation when mounted in your system's detector tray, charges the panel's battery and allows the wireless panel to operate without having to be removed from its enclosure.

CXDI Control Software NE

The CXDI-Pro series wireless detectors operate with CXDI Control Software NE, exclusively for use with Canon CXDI Wireless Detectors to optimize workflow while producing high-quality images.

- Operates on Windows 10
- IHE compliant
- Flexible DICOM configuration for worklist and export of images and reports
- Standard image stitching function for up to four images

Scatter Correction feature for non-grid exams

- Excellent image contrast of any body region without a grid
- Reduce detector handling weight
- Eliminate grid misalignments and artifacts
- Dose reduction
- Consistent image quality

Original image

Scatter **Correction**

CXDI-Pro Wireless Digital Radiography Systems Specifications[1]

	CXDI-803C Wireless	CXDI-703C Wireless	CXDI-403C Wireless
Model Name	**CXDI-803C Wireless**	**CXDI-703C Wireless**	**CXDI-403C Wireless**
Purpose	General Radiography		
Method	Flat panel detector: scintillator & amorphous silicon (a-Si)		
Scintillator	Cesium Iodide		
Weight (incl. Battery)	4.6 lb (2.1 kg)	6.4 lb (2.9 kg)	7.7 lb (3.5 kg)
Effective Imaging Area	11 x 14 in (273 x 349 mm)	14 x 17 in (349 x 426 mm)	17 x 17 in (426 x 426 mm)
External Dimensions	12 x 15 x .6 in (307.5 x 384 x 15 mm)	15 x 18 x .6 in (384 x 460 x 15 mm)	18 x 18 x .6 in (460 x 460 x 15 mm)
Image Matrix Size	1952 x 2496 pixels	2496 x 3040 pixels	3040 x 3040 pixels
Pixel Size	140 um		
Limiting Resolution	3.5 lp/mm		
Grayscale	A/D: 16 bit		
DQE	Typical 65% (0 lp/mm), 58% (0.5 lp/mm)[2]		
MTF	Typical 65% (0 lp/mm), 58% (0.5 lp/mm)[2]		
Time for ready	< 4 seconds[3]		
Preview Image Time	1 second[3]		
Cycle Time	< 4 seconds[3]		
Dust, Water -Resistance Rating	IP55 (For dust protection against limited dust ingress and water protection against low pressure water jets from any direction)[6]		
Battery Performance	>1,500 images @ 7 second cycle, >140 images @ 100 second cycle		
Charging Performance	Battery charging time approx. 150 min.[5]		
Wireless Standard	IEEE802.11ac		
Wireless Channel/Band	2.4 GHz, 5 GHz		

With Quick Ready, these detectors are ready to go in as little as 4 seconds

[1] Specifications subject to change
[2] 0 lp/mm is extrapolated value IEC62220-1-1 2015 (RQA5)
[3] Depending on acquisition mode
[4] Based on tests conducted by an independent institution. Certification does not guarantee against failure or damage.
[5] At an ambient temperature of 77° F. Detector stand is sold separately.

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