pulseISM
PASSIONATE ABOUT IMAGING

INTRODUCING

AMRAD Medical

Canon CXDI-Pro Series



Wireless DR Panels
CXDI-803C | CXDI-703C | CXDI-403C

Three wireless cesium iodide detector sizes, 11" x 14", 14" x 17" and 17" x 17", running on Canon CXDI Control Software NE.

Canon Panels for AMRAD Rooms and More

AMRAD Medical by Summit Industries

Add Canon wireless DR to an AMRAD Medical X-ray room or mobile system, or ask us to check compatibility with a room from another manufacturer.



Easy Handling

Sculpted handgrips and smooth, rounded corners



Optional Tethered Use

The cable charges the battery onboard



CXDI Control Software NE

Touch-screen operation and image stitching

Why Canon CXDI-Pro?

The Canon CXDI-Pro Wireless Series from AMRAD Medical brings Canon wireless DR to general radiography, with three detector sizes that run on the same CXDI Control Software NE.

- **AED Function** – Detects the start of exposure, so the panel can be used without a typical generator exposure interlock.
- **IP55 Protection** – Resists dust and low-pressure water jets for busy settings and routine cleaning.
- **Quick Ready** – Ready in as little as 4 seconds, depending on acquisition mode.



Sleek Design, Easy Handling

- Handgrips sculpted into the detector
- Smooth, rounded corners
- No surface screws, for easier cleaning
- Optional tethered operation; the cable charges the battery onboard

Shown left to right: CXDI-803C, CXDI-703C and CXDI-403C.

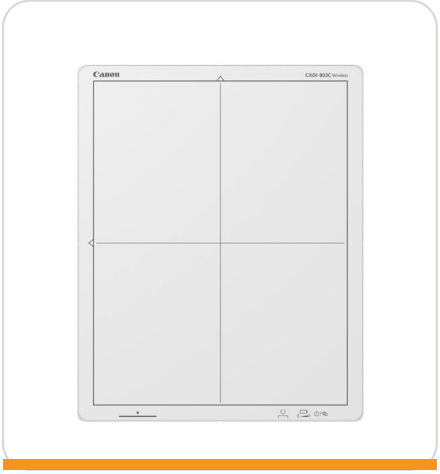
CXDI-PRO AT A GLANCE

140 µm	3.5 lp/mm	IP55	< 5 sec.
Pixel size	Limiting resolution	Dust and water	Cycle time

More than 1,500 images per charge at a 7-second cycle, or more than 140 images at a 100-second cycle. Battery charging time is approximately 150 minutes.

03 THREE DETECTOR SIZES

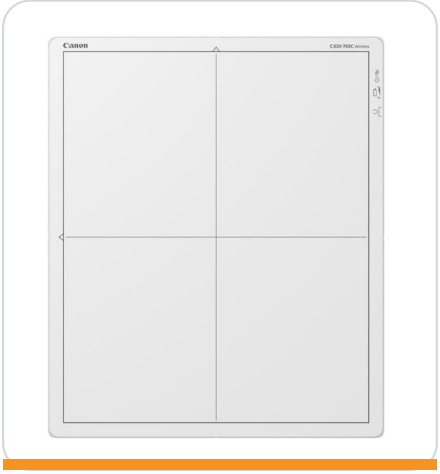
Three Sizes. One Software Platform.



CXDI-803C Wireless

11" x 14" detector

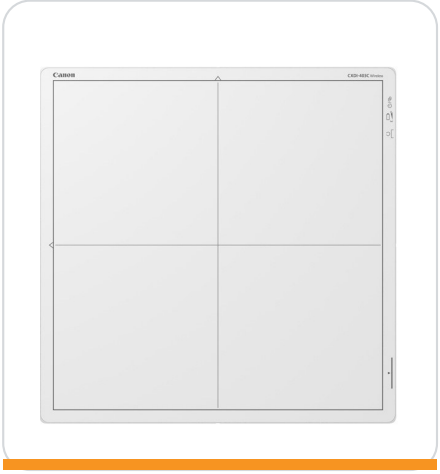
- 4.6 lb (2.1 kg) with battery
- 27.3 x 34.9 cm imaging area
- 1952 x 2496 pixels
- 12 x 15 x 0.6 in



CXDI-703C Wireless

14" x 17" detector

- 6.4 lb (2.9 kg) with battery
- 34.9 x 42.6 cm imaging area
- 2496 x 3040 pixels
- 15 x 18 x 0.6 in



CXDI-403C Wireless

17" x 17" detector

- 7.7 lb (3.5 kg) with battery
- 42.6 x 42.6 cm imaging area
- 3040 x 3040 pixels
- 18 x 18 x 0.6 in



Battery Charger

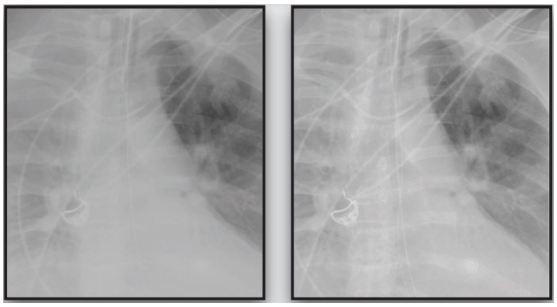
- Charges up to two batteries at the same time
- Indicator lights show charging status (25%, 50%, 75%, 100%)
- Automatically stops charging when full
- Batteries exchange easily, with more than 9.5 hours in standby mode

MANUFACTURER SERVICE NETWORK

AMRAD Medical is a brand of Summit Industries. Summit Industries' service network surrounds you with a dynamic team of experts, and Pulse ISM coordinates installation and service through Summit Industries and its authorized partners.

CXDI Control Software NE and Compatibility





Without Scatter Correction | With Scatter Correction, no grid

Canon Software for Canon Panels

The CXDI-Pro series wireless detectors require CXDI Control Software NE to operate. The software is made exclusively for Canon CXDI wireless detectors.

- Operates on Windows® 10
- IHE compliant
- Flexible DICOM® configuration for worklist and export of images and reports
- Ability to rotate images
- Efficient workflow when exams are coded in the worklist and combined with an integrated generator
- Available touch-screen operation, including “pinch to zoom”
- Scatter Correction for non-grid exams
- Standard image stitching for up to four images

Works With

- AMRAD Medical OTS Classic and OTS Elite
- DFMT Elite and FMT Classic
- Simplicity, CS Classic and CS Elite
- SRS Pocket, FRS and AAU Elite
- AMRAD Odyssey mobile systems
- Rooms from other manufacturers: ask us to check compatibility

What the Package Includes

- Canon CXDI-Pro wireless detector with two batteries
- NE Software Package standard upgrade kit
- Workstation, keyboard, mouse and monitor
- Wireless access point



Optional Tethered Operation

A cable (sold separately) can help provide quick, reliable operation when the detector is mounted in your system’s Bucky, and it charges the battery onboard. Package contents and compatibility can vary by system, so ask Pulse ISM to confirm for your room.

Canon CXDI-Pro Specifications

Model	CXDI-803C Wireless	CXDI-703C Wireless	CXDI-403C Wireless
Purpose	General radiography		
Method	Flat panel detector: scintillator and amorphous silicon (a-Si)		
Scintillator	Cesium iodide (CsI)		
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 0.6 in	15 x 18 x 0.6 in	18 x 18 x 0.6 in
Image matrix size	1952 x 2496 pixels	2496 x 3040 pixels	3040 x 3040 pixels
Pixel size	140 µm		
Limiting resolution	3.5 lp/mm		
Grayscale	A/D: 16 bit		
DQE	Typical 65% (0 lp/mm)*, 58% (0.5 lp/mm)		
MTF	Typical 35% (2 lp/mm)		
Time for ready	Under 4 seconds**		
Preview image time	1 second**		
Cycle time	Under 5 seconds**		
Dust and water resistance	IP55		
Battery performance	More than 1,500 images at a 7-second cycle; more than 140 images at a 100-second cycle		
Charging time	Approximately 150 minutes		
Wireless	IEEE 802.11ac; 2.4 GHz and 5 GHz		

* 0 lp/mm is an extrapolated value, IEC 62220-1-1:2015 (RQA5). ** Depending on acquisition mode.
Requires CXDI Control Software NE. All specifications are subject to change without notice. Canon and CXDI are trademarks of Canon Inc.

MANUFACTURER SERVICE NETWORK

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06 YOUR IMAGING PARTNER

Why Pulse ISM?

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The Right Detector Starts With the Right Questions.



Pulse ISM helps facilities choose DR detectors and digital imaging packages around how they actually image, not around a predetermined equipment package.

Before we recommend a configuration, we consider your existing X-ray equipment, exam mix, patient volume and budget. Then we help determine the right detector, workstation and software setup for your team.

More Than Equipment. A Partner in Your Imaging Program.

- **Consultative Equipment Selection** – We match the detector and software to your rooms and workflow.
- **Clear, Itemized Recommendations** – Core equipment and optional additions are clearly separated.
- **Delivery, Installation & Training** – Coordinated with the manufacturer or its authorized partners.
- **Grant-Ready Quote Package** – Itemized quote, certificates, W-9, SAM/UEI and capability statement.
- **Certified Supplier** – Pulse ISM is nationally certified as a WBE, WOSB, and EDWOSB.

CXDI-803C • CXDI-703C • CXDI-403C • CXDI Control Software NE • CR to DR Upgrades

Ready to Plan Your DR Upgrade?

Whether you are adding Canon wireless DR to an AMRAD room, moving from CR to DR, or replacing an aging detector, Pulse ISM can help you evaluate the project before equipment decisions are finalized.

Start With Your Rooms. Build Around Your Workflow.

Share your current X-ray equipment, generator, exam mix, patient volume and project goals. We'll help you identify the DR configuration that makes sense for your clinical needs, space and budget.

We Can Help You Think Through:

- **Detector & Software Configuration** – Evaluate detector size, wired or wireless use, workstation and acquisition software around your rooms and workflow.
- **Compatibility Check** – Confirm how a detector package works with your existing X-ray system and generator before you order.
- **Budget & Procurement Planning** – Develop a clearly itemized equipment package that separates core system requirements from available options.
- **Installation Coordination** – Work with the manufacturer and authorized partners to coordinate delivery, installation, PACS connection and training.
- **Accessories to Complete the Room** – Pulse ISM can also help source detector holders, panel protection, positioning aids and other everyday X-ray room accessories.

One Conversation Can Start the Process – You don't need every project detail figured out before contacting us. Bring us what you know today, and we'll help identify the questions that need to be answered next.

Contact Us About The Canon CXDI-Pro Series Today

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