



DIGITAL RADIOGRAPHY

CXDI- RF B1

Canon's new multifunctional dynamic and static portable Flat Panel Detector with RF Controller software offers you a high level of flexibility in your Digital Radiography room.

- Light weight detector for multi-purpose X-ray rooms
- Static and Dynamic imaging without compromise
- Optional DSA and Tomosynthesis

Canon

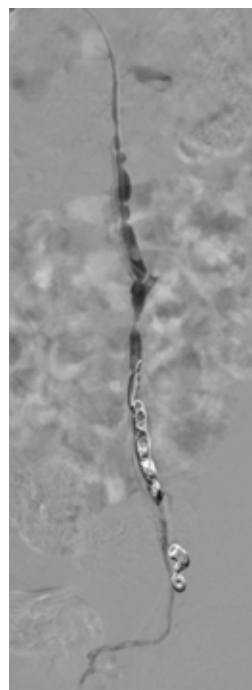
TOMOSYNTHESIS

Performing high-resolution limited-angle tomography at radiation dose levels comparable with projectional radiography.



DSA

Digital subtraction angiography (DSA) is a fluoroscopy technique used in interventional radiology to clearly visualize blood vessels by eliminating (subtracting) radiopaque structures, such as bones or dense soft tissue.



ALL-IN-ONE DYNAMIC AND STATIC FPD

CXDI-RF Wireless B1 offers clients true Dynamic and Static imaging in one detector providing maximum flexibility in a clinical setting



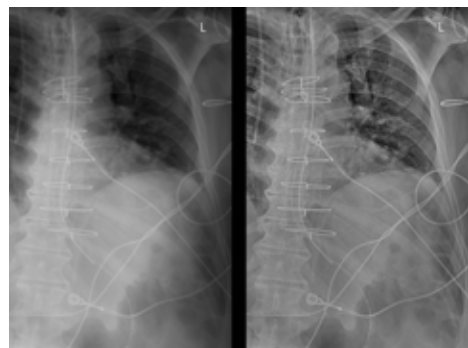
Scatter **Correction**

Canon's Scatter Correction reduces the effect of scattered radiation for non-grid examinations, allowing you to obtain images with outstanding contrast.



Advanced **Edge Enhancement**

Improved visualization of tubes, lines and bone details. The software has three different image processing algorithms (small structures, bone detail and catheter setting).



CXDI CONTROLLER RF SOFTWARE¹

CXDI Controller RF software is made exclusively for use with Canon Digital Radiography systems. This imaging control and management software helps to optimize workflow and reduce the steps required to complete each examination quickly.

The intuitive Graphical User Interface (GUI) can be used for all types of digital radiography modality and this commonality of GUI across the entire detector range is a major advantage when it comes to speed of operator training, user confidence, convenience and familiarity. Canon CXDI Controller RF software configuration options ensure a GUI that is always right for you. Comprehensive image processing including 'Scatter Correction', 'Advanced Edge Enhancement' (AEE)², 'One Shot Long Length'³, Digital Subtraction Angiography (DSA), Tomosynthesis imaging options guarantee optimized image quality with the lowest possible dose; the industry standard DICOM 3.0 interface ensures multi-vendor and cross-platform connectivity in any situation.



PORTABLE

True portability outside the Bucky thanks to the low weight, magnetic connector, wireless functionality and ergonomic design.



ERGONOMIC DETECTOR DESIGN

2 sculpted hand grips for a comfortable and effective grip. Easier and more comfortable to position behind a patient due to the shaped cover and smooth rounded corners.

LOW WEIGHT

Just 3.5kg for a dynamic and static FPD making this the ideal detector to be used outside the Bucky without strain for the users.



IMAGE QUALITY AT LOW DOSE

High quality dynamic and static imaging at low dose.



DETECTOR SHARING

Sharable across Multiple compatible systems. Additional static detectors can be added to the system for increased functionality.

IP57 DUST- AND WATERPROOF

Contact with fluids is inevitable, particularly in emergency- and high-dependency care. Our IP57 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.

CXDI-RF WIRELESS B1 SERIES SPECIFICATIONS⁴



Model:	CXDI-RF Wireless B1 ⁵
Scintillator:	CsI (Cesium Iodide)
Effective imaging area:	42 x 43 cm
Weight:	3.5 kg
External dimensions:	460 x 460 x 15.5 mm
Pixel pitch:	160 µm
DQE:	Typical 60% (0.5 lp/mm)
MTF:	Typical 38% (2 lp/mm)
Dust- and waterproof:	IP57 ⁶
Robustness:	Load: 310 kg @ entire 100 kg @ Ø40 mm Drop height: 100 cm
I/F:	Wired: GigabitEther Wireless: IEEE802.11a/b/g/n
Frame rate (wired ⁷):	5 fps @ 1 x 1 15 fps @ 2 x 2 30 fps @ 3 x 3 (9" x 9")
Continuous x-ray:	Supported

¹CXDI Controller RF Software version 3.00 onwards for support of CXDI-RF Wireless B1, CXDI-702 series and CXDI-710 series.

²Only for static imaging.

³Only for static imaging with CXDI-710CW, CXDI-410CW.

⁴Specifications subject to change.

⁵CXDI-RF Wireless B1 system consists of various components.

⁶Based 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.).

⁷Wireless Dynamic imaging implemented later.

Canon

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