



Mobirex i9

Imaging Mobility
Made Possible

with CXDI-Elite

Follow us: <https://us.medical.canon>  @CanonMedicalUS  Canon Medical Systems USA, Inc.  +CanonMedicalUS

CANON MEDICAL SYSTEMS USA, INC.

<https://us.medical.canon> | 2441 Michelle Drive, Tustin CA 92780 | 800.421.1968

©Canon Medical Systems, USA 2023. All rights reserved. Design and specifications are subject to change without notice.

Made for Life is a trademark of Canon Medical Systems Corporation. Mobirex is manufactured by Shimadzu Corporation and distributed by Canon Medical Systems. Canon Medical Systems Corporation meets internationally recognized standards for Quality Management System ISO 9001, ISO 13485. Canon Medical Systems Corporation meets the Environmental Management System standard ISO 14001. YouTube logo is a trademark of Google Inc. TWITTER, TWEET, RETWEET and the Twitter logo are trademarks of Twitter, Inc. or its affiliates. LinkedIn, the LinkedIn logo, the IN logo and InMail are registered trademarks or trademarks of LinkedIn Corporation and its affiliates in the United States and/or other countries.

Disclaimer: Some features presented in this brochure may not be commercially available on all systems shown or may require the purchase of additional options. Please contact your local representative from Canon Medical Systems for details.

XRBR14321US

Made For life

Meet Canon's Mobirex i9

The Standard in Mobile Imaging Solutions

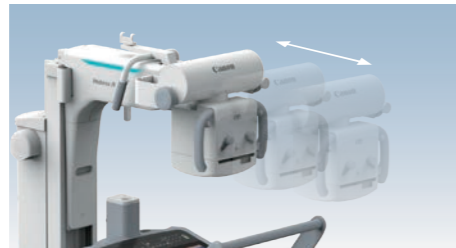
Flexibility for increased patient comfort and workflow efficiencies at every stage of the journey.

Status indicator light



Safety is improved since it is not necessary to check the screen during movement and operation.

Telescopic arm



Extendable and retractable telescopic arm allows easy access to the patient.

Mobility and maneuverability



Power assist technology makes the system travel smoothly and supports effortless positioning.

Fine positioning capable



The fine positioning buttons allow components to be operated simultaneously. Positioning operation can be conveniently performed from either side of the column. On the tube head, there are two small movement buttons to access fine positioning of the unit during bedside positioning.

Telescopic column

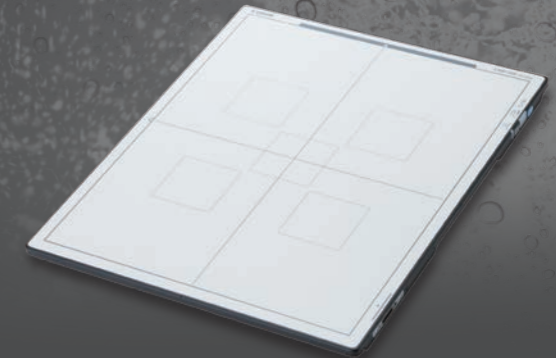


Extendable and retractable column minimizes blind spots during movement.



CXDI-Elite

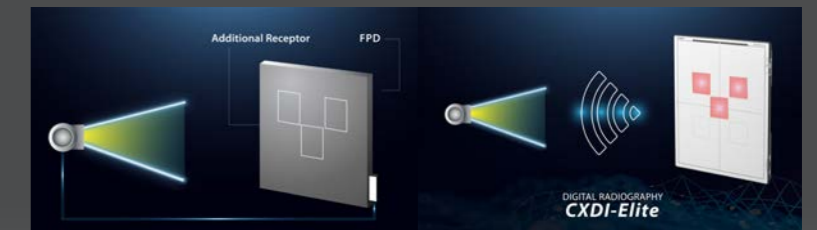
Canon's next generation wireless flat panel detector line-up takes you to new heights of possibilities in Digital Radiography.



Built-in AEC

Optimize X-ray dose without external AEC sensor

The system uses the elements on the FPD surface to generate images while simultaneously detecting pixel values corresponding to the irradiated X-rays. By comparing the detected pixel values to a set reference value, the system can provide a notification to stop X-ray generation.



The CXDI Elite series allows for automatically terminated exposures without the use of an additional receptor (ion chamber, solid state paddle, etc.) There are 5 AEC Regions of Interest (ROI) depending upon the model. This FPD can detect the accumulated pixel value corresponding to received X-ray in real time at each AEC ROI and notifies the X-ray generator when pixel value reaches the preset value. This function works via wireless communication, which enables the optimization of X-ray dose without external AEC sensor, even in free-position imaging such as at the bed side.



Superb Mobility



The small and narrow footprint navigates corridors with ease while power assist helps drive through your day. The collapsible column aids forward visibility for crowded hallways and small patient rooms. Ergonomic design, including a height-adjustable handle as standard, helps reduce physical stress.



NICU



The addition of the CXDI-Elite helps improve dose management in this sensitive patient population by allowing automatic exposure control in situations where it was not available before. A pediatric filter is supported,* which is designed to reduce the soft X-rays that do not contribute to the exam but increase the patient dose.

*User Supplied



ICU



Multiple options like a wireless handset allowing remote exposures, the ~4 ft. telescopic arm for extended reach, plus fine-positioning "Inch Mover" buttons on the tube head make for easy positioning even in a tight space.



ER



From the fast start up of 1 minute, through to the near-immediate viewing of the images after exposure (< 2 seconds), the Mobirex i9 provides the speed needed when working in this fast-paced environment. Add the IP57 water proofing standard of the Canon CXDI-Elite panels and the simple but important assets like ease-of-handling with built-in grooves, for a winning combination.



OR



Advanced Edge Enhancement provides confidence in viewing procedures — for example PICC insertions for the catheter tip. The large viewing panel adds to ease of image review, and it is easy to connect the Mobirex i9 to an external monitor for the surgical team to view.



Specifications

High-Voltage Generator

Max. Electric Power	32 kW
Nominal Electric Power	16 kW (100 kV, 160 mA, 0.1 s)
Tube Voltage Setting Range	40 kV to 133 kV, in 1 kV increments
Current-Time Product Setting Range	0.32 to 320 mAs
Maximum tube current	400mA

X-ray Tube Unit

Nominal Focal Spot Size	0.7/1.3 mm
Target Angle	16 degrees
Max. Anode Heat Content	210 kJ (300 kHU)

X-ray Tube Unit Holder

Focal Spot Height	680 mm to 2025 mm
Arm Length	638 mm to 1203 mm
Column Rotation Range	±270 degrees
X-ray Tube Unit Rotation Angle	±180 degrees
X-ray Tube Unit Axial Rotation	Forward 90 degrees, backward 30 degrees

Collimator

Max. Field	430 mm × 430 mm at SID 1 m
Type Of Lamp	LED lamp
Center Indicator	Cross hairs

Dimensional Drawings

Total Width	560 mm
Total Length	1285 mm
Height of Column	1270 mm
Mass	440 kg
Maximum Travel Speed	Approx. 5 km/h

Power Supply

When Powered by Battery	Power Supply	Internal battery
	Battery Type	Sealed lead storage battery
When Charging Battery	Phase	Single phase AC
	Supply Frequency	50/60 Hz
	Supply Voltage	100, 110, 120, 200, 220, 230, 240 V AC (Set to one of the voltages when installing.)
	Power Supply Rating	1 kVA

DR System

DR	Scintillator	CsI
	Pixel Size	125 μm × 125 μm
	Gradation	16 bit
	Mechanical Strength	Uniform load (over all surfaces): 310 kg max. Partial load: 100 kg max., given 40 mm in diameter
	Size	19 inches

Option

Wireless Hand Switch / Lights up hand switch / Barcode Reader / Wireless Barcode Reader / Remote Controller / Protective Screen (folding) / Dose Area Product Meter / Additional Hand Switch / External Monitor Interface / Protective Film / Wired connection kit

Specifications (Flat Panel Detector)

Preview Image Time	1 sec. Standard / non synchronized gen. mode
Time for ready	3 seconds
Cycle time	4 seconds
Battery standby	>10 hours
Water and Dust protection	IP57
Surface load	310kg
Pixel pitch	125 μm
On board image storage	99 images
Removable Cover	Cover refurbishment possible
Weight (including battery)	2.3 kg
Optional function compatibility	Built-in AEC Assistance