Canon

Digital Radiography System

CXDI-60G

Ultra-Portable Flat Panel Detector

DR Where You Need It, When You Need It

The portable, compact CXDI-60G offers outstanding diagnostic image quality and unmatched DR versatility, now in a new convenient size.

Bringing High Quality DR Imaging to the Patient

The ultra-compact CXDI-60G features Canon's renowned flat panel technology, now in a lighter, more ergonomic and portable form. It's flexible, versatile, and brings a whole new level of freedom and immediacy to diagnosis in the X-ray room and beyond.

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CXDI-60G

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True Portability

Can be used at multiple patient locations, including patient's bedside or wheelchair, orthopedics, trauma, and ICU, and fits right into neonatal incubator trays.

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CXDI-60G

Actual Size

BUSY
SENSOR
POWER

Canon

CXDI-60G

True Portability

Can be used at multiple patient locations, including patient's bedside or wheelchair, orthopedics, trauma, and ICU, and fits right into neonatal incubator trays.

Ultra-compact and Lightweight

Weighing a mere 5.9 lbs. (2.7 kg) and less than an inch thick (22.5 mm), the CXDI-60G offers true portability and versatility for use at diverse patient locations—both in and out of the X-ray room. The ergonomic detector is comfortable to hold and is as easy to position as a conventional film cassette or CR imaging plate, and its smooth, rounded edges allow it to easily slide under patients.
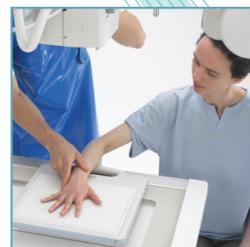
For Diverse Applications

The 9 x 11 in. (23 x 28 cm) imaging area accommodates diverse applications, including examinations of the extremities, skull, cervical spine, shoulder, and hip. Detailed X-ray images can be taken from almost any position and angle, and the patient can comfortably hold the unit in place during capture, when necessary. It's the ideal size for orthopedic departments and mobile X-ray systems, plus general radiology applications that would benefit from easy handling and portability.

High Quality Diagnostic Images

Built upon Canon's strong still image processing heritage and over 10 years of medical imaging expertise, the CXDI-60G provides superb image quality. The Amorphous Silicon (a-Si) flat panel detector features a 160 micron pixel pitch and an expansive 10^4 dynamic range to deliver clear, high-resolution diagnostic images in 12-bit grayscale (4,096 gradations). In addition to Canon's advanced noise reduction processing, another key technology is multiobjective frequency processing, which helps to ensure proper contrast and optimal image calibration for display on LCD monitors. Images of extremities with implants, for example, show the subtle details of trabecular bone structure and soft tissue in high diagnostic accuracy.

Immediate Results

Images are available for preview on the technologist's monitor in just moments after capture and can be immediately transmitted over the hospital network to other workstations, printers, and archives for fast and easy data sharing. Canon DR provides speed, efficiency, and a streamlined workflow to meet diverse needs, including support for off-site diagnosis and emergency care.

Innovations in Portable DR

Thin, lightweight, easy to handle, and robust—the CXDI-60G offers true portability and flexibility in high quality DR. With the added benefits of low power consumption and a detachable sensor cable for convenient maintenance and installation, Canon's ninth-generation flat panel detector extends DR beyond traditional applications to include room-to-room installations, mobile X-ray systems, and more.

Purpose	General radiography
Method	Flat panel detector: scintillator & amorphous silicon (a-Si)
Sensor	LANMIT (Large Area New-MIS sensor and TFT)
Scintillator	GOS (Gd_2O_2S: Tb)
Pixel pitch	160 x 160 microns
Pixels	1,464 x 1,776 pixels (2.6 million pixels)
Image size	Automatic sizing up to 9 x 11 in. (23 x 28 cm)
A/D	14-bit
Grayscale	4,096 grayscale (12-bit)
Preview image access time*	Approx. 3 seconds after X-ray exposure
Interface	DICOM 3.0, Ethernet 100 Base TX
DICOM**	DICOM 3.0 compatible, Print Management Service Class (SCU), Storage Service Class (SCU), and others
Voltage	100-240V (50/60Hz)
Power consumption	170VA
Operating environment	Sensor unit: 41 – 95˚F (5 – 35˚C), 30 – 75% RH (non-condensing)
Certification	FDA 510(k), UL60601-1, EN60601-1, CE0197
Dimensions	Sensor unit (W x L x T): 14 x 15 x 0.9 in. (344 x 380 x 22.5 mm)
Weight	Sensor unit: 5.9 lb. (2.7 kg)
Standard components	Sensor unit, power box, remote switch, x-ray interface cable

*Actual times may differ due to various factors. **Varies with system configuration.

■ User Options

Grid	Choice of 10:1, 8:1, 4:1 (110 cm)
Software options	Please contact an authorized Canon dealer.
Power box (Additional)	

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