Canon

you can

Portable Digital
Radiography.
Going places.

CXDI-501G
DIGITAL RADIOGRAPHY SYSTEM

We Speak Image

LINK

READY

POWER

CXDI-501G

CXDI-501G

Thin, lightweight Flat Panel Detector for portable large area imaging.

Time Reduction

High Resolution

Wireless

Lightweight

Compact

DICOM 3.0

DICOM Standard

High Sensitivity

Suitable for Upgrade

Suitable for Retrofit

FLUOROS COPY

Fluoroscopy

Multifunctional. Lightweight. Going places has never been so easy.

At Canon, we understand the need for exceptional DR solutions. For example, delivering units which enable increased mobility.

With the introduction of the new, lightweight CXDI-501G Canon delivers increased flexibility to your daily routine. Helping to improve your workflow and aiding your efficiency. With its large 350 x 426 mm imaging area the CXDI-501G accommodates a wide range of examinations, including skull, spine, chest, abdomen as well as extremities. The Canon name stands for modern, reliable digital X-ray technology and for efficiency in the diagnostic imaging workplace. The CXDI-501G is the latest detector for people who are going places.

CANON DR-PANELS

- **Integrated solutions** You can depend on Canon's DR systems, our detectors and technology are built on a heritage of over 70 years of innovation.
- **Flexible solutions** Whatever your needs, Canon has a detector to fit. Discover our portfolio of DR systems, with a range of units compatible with most size and performance requirements.
- **Future proof** Canon was at the forefront of wireless, cassette-size DR technology. You can trust us to continue to deliver digital solutions for the future.

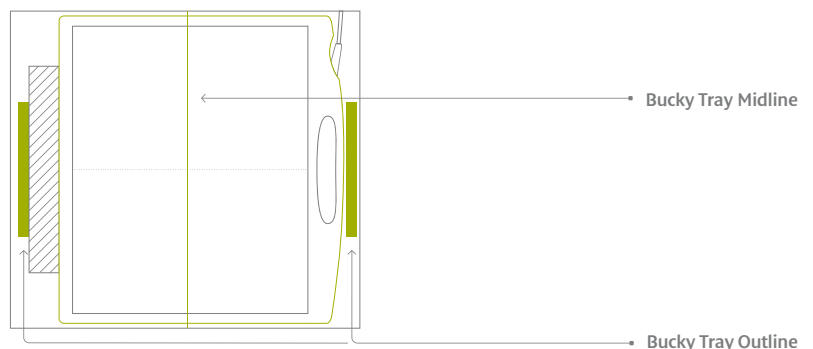**Portable unit, with integrated handle. Compatible to fit existing bucky trays.**
Imaging area 350 W x 426 L mm, 3.1 kg, reduced weight.
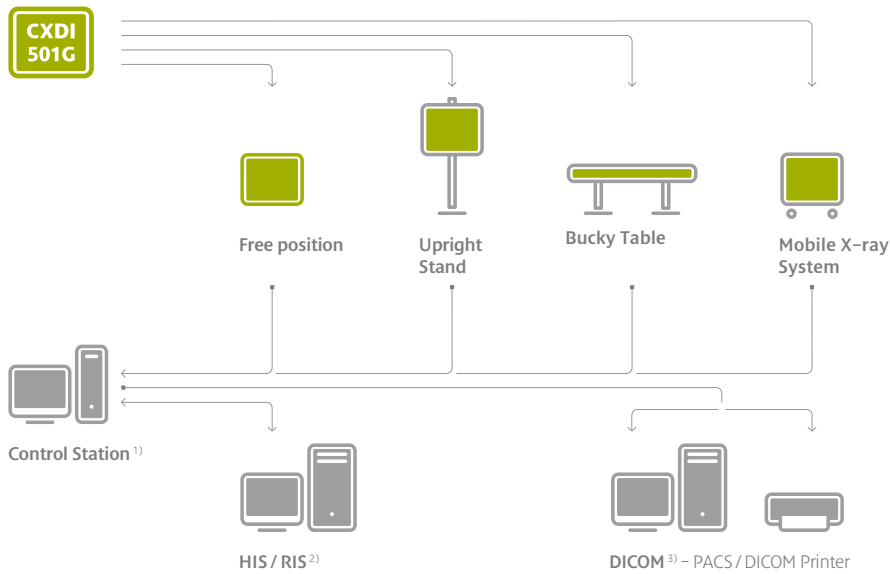
The perfect combination when you're on the move.

A first glance reveals that the CXDI-501G is thinner, more compact and lighter than expected. With 15 mm the Flat Panel Detector has the same depth as standard cassettes. Weighing only 3.1 kg, the unit is perfect for use in trauma centers or ICUs. The Flat Panel Detector is compatible with standard sized cassettes and comes with an integrated handle for added convenience and comfort. A second glance confirms the economic value the CXDI-501G delivers. The intelligent design of the detector allows it to fit directly into existing Bucky cassette trays, e.g. 46 x 46 cm cassette trays, and is easily aligned to the trays center lines, grid and AEC. We have also placed significant emphasis on the design of the detachable cable exit-point to ensure efficient and trouble-free use in cassette trays. This saves you valuable time when using the detector in a cassette tray or on the move and allows quick installation. To significantly improve performance the CXDI-501G benefits from a second-generation glass substrate, with a pixel pitch of 125 μm / 9.5 megapixels, to ensure optimal image quality.

With the unit being compatible with standard sized cassettes, Canon gives you additional freedom.

Bucky Tray Midline

Bucky Tray Outline

Configuration

CXDI 501G

- Free position
- Upright Stand
- Bucky Table
- Mobile X–ray System

Control Station [1]

HIS / RIS [2]

DICOM [3] – PACS / DICOM Printer

[1] Up to four detectors can be used in a single room, offering maximum flexibility for your workflow. (For details, please contact a Canon sales representative).

[2] A typical procedure starts with a study order being sent from the HIS or RIS to the Control Station. After image acquisition the study data is communicated from the Control Station to the RIS, while the X-ray image itself is sent to the PACS.

[3] DICOM 3.0 compliant. X-ray images are sent to servers using Storage Service Class (SCU) and to printers using Print Management Service Class (SCU).

Software CXDI Control Software – New Edition
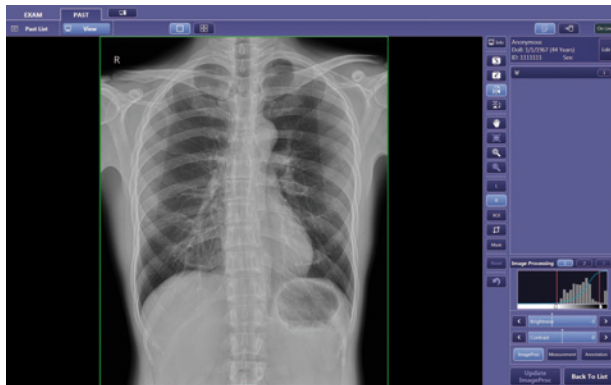
- Real-time viewing of high quality images
- Large and high-resolution monitor
- Optimized workflow with less steps
- Active GUI for intuitive operation
- Supporting various workflows

In addition to Canon's advanced noise reduction processing, MLT(S) image processing utilizes the multiple frequencies within the image data to emphasize edges and display appropriate dynamic range. For example, the subtle details of trabecular bone structure in images of extremities can be shown for enhanced diagnostic accuracy. This process can be preset for repeatability as well as adjusted post-acquisition for variances in diagnostic requirements.

Specifications

Scintillator	GOS
Pixel Pitch	125 µm
Imaging area	350 x 426 mm
Resolution	2800 x 3408 (9.5 megapixels)
Outside dimensions	460 W x 424 L x 15 D mm
Weight (w / o cable)	3.1 kg
Sensor cable length	7 m (1.5 + 5.5 m)
Grid density required	52 lp / cm
Exposer delay *	0.15 seconds
Preview image *	3 seconds
Full image display *	5 seconds
Cycle time *	9 seconds

* are approximate values

Canon has been defining the future with innovative solutions for more than 70 years. In all that time we've constantly strived to improve medical diagnostics in healthcare. Perhaps that's what made us a global leader in digital radiography solutions.

Canon Eco

Our actions are based on honesty and sustainability.

Canon Quality

Safety and quality are an integral component of our actions.

Canon Flexibility

Everything we do has to have a superior customer advantage.

Choose the Digital Radiography system of the future and let our local, authorized Canon dealer advise you.

Canon