## CXDI-70C WIRELESS SPECIFICATIONS

<table>
<thead>
<tr>
<th>Purpose</th>
<th>General Radiography</th>
</tr>
</thead>
<tbody>
<tr>
<td>Method</td>
<td>Cassette size detector: scintillator &amp; amorphous silicon (a-</td>
</tr>
<tr>
<td>Pixel Pitch</td>
<td>125 x 125 microns</td>
</tr>
<tr>
<td>Pixels</td>
<td>2800 x 3408 pixels</td>
</tr>
<tr>
<td>Image Size</td>
<td>Automatic sizing up to 14 x 17 in. (35 x 43 cm)</td>
</tr>
<tr>
<td>A/D</td>
<td>14-bit</td>
</tr>
<tr>
<td>Grayscale</td>
<td>4,096 grayscale (12-bit)</td>
</tr>
<tr>
<td>Wireless Standard</td>
<td>IEEE 802.11n (2.4 GHz)</td>
</tr>
<tr>
<td>Preview Image Access Time</td>
<td>Approx. 3 seconds after X-ray exposure</td>
</tr>
<tr>
<td>High Resolution Image Display Time</td>
<td>Approx. 5 seconds after X-ray exposure</td>
</tr>
<tr>
<td>Cycle Time</td>
<td>Approx. 15 seconds after X-ray exposure</td>
</tr>
<tr>
<td>DICOM</td>
<td>DICOM 3.0 compatible, Print Management Service Class (SCU), Storage Service Class (SCU), and others</td>
</tr>
<tr>
<td>Battery Performance</td>
<td>140 images @10 sec cycle, 1 sec sleep</td>
</tr>
<tr>
<td>Operating Environment</td>
<td>Sensor unit: 41 - 105°F (5 - 35°C), 30 - 80% RH (non-condensing)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>15 x 18 x 0.6 in (384 x 460 x 15mm)</td>
</tr>
<tr>
<td>Weight (w/ battery)</td>
<td>7.5 lbs (3.4 kg)</td>
</tr>
<tr>
<td>Standard Components</td>
<td>Sensor unit, Battery charger, (2) Batteries, AC/DC cable, X-ray interface unit, US sensor unit</td>
</tr>
</tbody>
</table>

### USER OPTIONS
- Sensor Handle Unit | 19.6 x 20.2 x .7 in (500 x 515 x 17 mm) |
- Metering Unit | For AC power supply (sensor status indicator included) |
- Grid | Please contact a local authorized Canon representative |
- Software Options | Please contact a local authorized Canon representative |

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The CXDI-70C Wireless system eliminates the sensor cable for improved operability while delivering greatly enhanced image quality. By eliminating the sensor cable, the newly developed Canon CXDI-70C Wireless enables handling similar to current film-cassette X-ray systems for effortless functionality and superior portability. The model's 35 x 43cm effective imaging area offers the same dimensions as current ISO4090 compliant film cassette models, allowing digitalization without the need to modify existing analog imaging equipment.

As a world leader in digital imaging solutions, Canon is proud to announce the company's first wireless, cassette-size digital radiography system: the CXDI-70C Wireless.

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COMPACT, LIGHTWEIGHT, FLEXIBILITY

Designed to fit into a standard bucky, either table- or wall-mounted, Canon's CXDI-70C Wireless promises the flexibility of digital radiography. Its solid-state design allows immediate data acquisitions and its wireless transmitter sends the data directly to an acquisition console.

At only 7.5 lbs. (3.4 kg), the CXDI-70C Wireless is impressively thin – the same thickness of standard film cassettes – this light and simple-to-use sensor can be utilized at a moment's notice in trauma centers and ICUs.

High-Sensitivity DR Technology

CXDI-70C Wireless advanced LAMMIT detector technology acquires high-resolution, high-contrast diagnostic images with minimal X-ray exposure to patients, making it the ideal device for pediatric and orthopedic applications. The Amorphous Silicon Flat Panel Detector has a scintillator comprised of Cadmium Iodide (CdI) crystals that optimize light-channeling properties for effective X-ray absorption and high signal-to-noise performance.

Wireless Standard

Considered much faster than conventional standards (i.e. 11a, 11b) the CXDI-70C Wireless is equipped with IEEE 802.11n. Wireless communication is secured by WPA encryption with AES (Advanced Encryption Standard). Only image data is communicated between access point and the flat panel detector. Patient records are stored in the console PC and will not pass LAN.

Results In Seconds

A preview image is produced immediately after X-ray exposure, allowing for quick image confirmation, timely network distribution, and speedy diagnosis. If another image is required, the sensor is ready for the next X-ray exposure in moments thanks to its rapid refresh cycle.

Superior Image Quality

The CXDI-70C Wireless incorporates a new Canon-developed glass substrate with a pixel pitch of 125 microns that delivers high quality clinical images with higher resolution. Its CdI scintillator provides an increased level of sensitivity lowering the radiography dose possible in spite of the higher resolution compared to current 160 micron models.

DESIGNED CONVENIENCE

The CXDI-70C Wireless includes two interchangeable and rechargeable battery packs. Additional attention was given towards securing the swappable battery packs with two (2) high grade lock points, allowing radiologists to keep their full attention on the patient during exams.

Network Capabilities

DICOM 3.0 compatibility enables seamless data transfer to any DICOM devices, PACS, or RIS for efficient data management, printing, archiving, and remote viewing of images. Such workflow efficiency means less wait time for patients, as well as higher patient throughput and less of a burden on staff.

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CXDI CONTROL SOFTWARE NE

Canon's cutting edge CXDI Control Software NE is made exclusively for Canon Digital Radiography Flat Panel Detectors. The optimized workflow reduces operation steps and supports multiple study acquisition.

The software supports XGA (1,024 x 768) through SXGA (1,280 x 1,024) high resolution monitors and implements image processing equivalent to MUSL. Along with supporting Program Mode, the software complies with HIPAA standards and is IHE compliant. Exposure Index complies with IEC 62494. Three levels of access can be set for various users.

Compared to conventional standards (i.e. 11a, 11b) the CXDI-70C Wireless is equipped with IEEE 802.11n. Wireless communication is secured by WPA encryption with AES (Advanced Encryption Standard). Only image data is communicated between access point and the flat panel detector. Patient records are stored in the console PC and will not pass LAN.

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