

CXDI-50RF

DEVOTION TO MOTION
DYNAMIC DR



Canon's dynamic portable Flat Panel Detector offers you a high level of flexibility in your Digital Radiography room. The CXDI-50RF system is equipped with a unique high sensitivity 35cmx43cm portable Flat Panel Detector capable of both radiography and fluoroscopy.

This is the ideal detector for multi-purpose X-ray rooms allowing all kinds of radiographic imaging, even table top radiography. At the same time serial imaging and fluoroscopy are all at your finger tips while using this exciting new hybrid capturing device.

- First portable detector for fluoroscopy, serial and static imaging.
- For fluoroscopy and serial imaging the detector is used in a docking station with an active air cooling system.
- Detector can be removed from the docking station to acquire free positioned examinations like orthopedic projections and trauma patients on beds or trolleys.
- The newly developed RF Control software can acquire and display both radiographic and fluoroscopic images in high resolution. Both advanced image processing as well as all DICOM functions are integrated.
- Multiple system configurations are possible in combinations with other Canon detectors.

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Canon

CXDI-50RF Specifications

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| Application | General radiography and fluoroscopy |
| Technology | Flat panel detector: scintillator & amorphous silicon (a-Si) |
| Sensor | LANMIT (Large Area New-MIS sensor and TFT) |
| Scintillator | Cesium Iodide (CsI: TI) |
| Pixel Pitch | 160 x 160 microns |
| Pixels | 2,208 x 2,688 pixels (approx. 5,9 million pixels) |
| Image Size | Automatic sizing up to 35 cm x 43 cm |
| Acquisition Mode | Up to 30 fps |
| Cooling | Active air cooling (in dynamic mode) |
| A/D Conversion | 14-bit |
| Grayscale | 4096 grayscales (12-bit) |
| Preview image access time | Approx. 2-4 seconds after x-ray exposure (for radiography) |
| DICOM 3.0 Services | Storage, Print Management, Modality Worklist, Performed Procedure Steps (MPPS), C-echo, and storage Commitment -all as SCU |
| Operating environment | Sensor unit: 5-35oC, 30-75% RH (non-condensing) |
| Dimensions | 493 x 503 x 26 mm (W x L x T) |
| Weight | 5,7 kg |
| Standard components | Sensor unit, sensor cable, power box |
| Certification | CE, UL 60601-1, IEC 60601-1-2, 510(k) |
| Options: | Detachable Grid |

Specifications are subject to change without notice.



Note: The CXDI-50RF and RF control software are only available via a number of integrated X-ray solutions. For more information please consult your local Canon dealer.