



# Q-Rad-DIGITAL “CXDI Upgrade Series” ...

Quantum’s Q-Rad-DIGITAL “CXDI Upgrade Series” with Q-CONNECT Technology allows for a simple upgrade to your existing Quantum Radiographic system.

Designed to be a smart and cost effective upgrade, it allows you to enjoy the productivity benefits of direct digital imaging technology with full integration to RIS, PACS, and your existing generator. Gain the benefits of Enhanced Workflow, Patient through-put and simplicity with a proven Digital Imaging Solution. Quantum Medical Imaging bringing you a Direct Digital upgrade solution unlike any other.



22" Wide Touch Screen Controls

*Control at your finger tips...*

Quantum’s unique “Q-CONNECT” upgrade solution includes an all-in-one wide-screen display, for ease-of-use and high patient throughput. This wide screen design concept displays all of the Canon DR operator functions, combined with the full-featured x-ray generator console functions. The DR upgrade utilizes a revolutionary 22” Wide Touch Screen that serves as a single control center and operator graphical user interface for Modality Worklist query, patient registration, exam configuration with integrated generator, image acquisition, image preview & QC, DICOM Print & Store. No more need for setting up the x-ray techniques on a separate generator console, as this is now done quickly and accurately. This saves the technologist valuable procedure time and allows for greater focus on patient care and comfort.

## SINGLE PORTABLE DIGITAL DETECTOR UPGRADE SOLUTION



Shared Portable Digital Detector  
- moves from the table to wall stand.

Any existing Quantum room can be easily adapted to operate with a single 14” x 17” portable digital detector for greater system flexibility. The CXDI-50G (or CXDI-55 Series) detector can be quickly and effortlessly used in the wall stand, in-table, cross-table, table-top, and off-table. The portable detector is especially useful on patients with limited mobility as well as for gurneys or wheel chairs.



Portable digital detector allows for simplified study procedures on patients with limited movement.

# ALL QUANTUM SYSTEMS CAN EASILY BE

## DUAL DIGITAL DETECTOR UPGRADE SOLUTION

The Q-Rad-DIGITAL “CXDI Upgrade Series” is your smartest and most cost effective DR upgrade which brings forth benefits of digital imaging. The new technology will greatly reduce procedure time, maximizing your patient through-put and improve on patient care while maintaining the lowest exposure dose.

### *The Choice is Yours...*

The dual detector upgrade solutions offer you a choice between utilizing two 40G-COMPACT digital detectors; each fixed in wall stand and table, or a 40G-COMPACT and CXDI-50G portable detector combination; adding greater system flexibility.

*Shown: Dual detector upgrade solution with 40G-COMPACT and CXDI-50G digital detectors.*

**Fixed Digital Detector**

**Portable Digital Detector**

**CXDI-40G-COMPACT Digital Detector**

- 17" x 17" digital radiography sensor
- Easy retrofit to existing wall stands/ tables
- \* Cesium Available for Fixed Digital Detector

**CXDI-50G Portable Digital Detector**

- 14" x 17" digital radiography sensor
- easy-carry ergonomic design
- \* CXDI-50C Cesium Technology Available

**THIN & LIGHTWEIGHT**

**CXDI-55G Portable Digital Detector**

- 14" x 17" digital radiography sensor
- easy-carry ergonomic design
- thin and lightweight (7.5 lb)
- \*CXDI-50C Cesium Technology Available

# UPGRADED TO VERY LATEST “DR” TECHNOLOGY

# OPTION FOR YOUR DIGITAL UPGRADE

**Q-Rad-DIGITAL**  
CXDI UPGRADE SERIES

# Tech Vision

## WITH DIGITAL IMAGE PREVIEW



Screen Synchronization

TechVision™, provides "DIGITAL IMAGE PREVIEW" within seconds at tube/table side, in addition to Patient Study Review & X-Ray Parameter Controls

Available as an Exclusive option with your "CXDI Upgrade Series" is Quantum's TechVision™ Technology. TechVision™ is truly an innovation for the technologist. The TechVision™ multi-color touch panel screen mounted at the tube stand hand grip allows the technologists full remote generator control for AEC & manual technique selection from within exam room, while remaining close to the patient during exams, improving patient care and productivity. TechVision™ provides full "2-way" generator integration with DR console for control and display of generator parameters with DR "Image Preview" within exam room. Image recall allows review of any previous image for the current patient.



### DIGITAL IMAGE ACQUISITION CONSOLE

- Touch-panel user interface
- RIS interface for Worklist query + patient registration (*single accession or multi accession*)
- Generator integration
- Configurable exam procedure step sequencing
- Preview image display in less than 3 seconds
- Consistent grey scale presentation
- Local QC and administrative functions; zoom, window level, Gamma, edge enhancement, cropping, digital markers, and annotation
- DICOM compliant print & store to multiple destinations
- Local archive (over 4000 images) for recall, review and resend

Note: Quantum's "CXDI Upgrade Series" applies for all "Quantum" manufactured radiographic systems sold and installed between 2001-current. Consult factory for upgrade options if facility has non-branded Quantum product.

 **Quantum**  
MEDICAL IMAGING  
*Innovations in Digital Imaging*

© 2009 Quantum Medical Imaging, LLC  
p/n: QMI-QRad-CXDI Upgrade Series (07/09)

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