



A powerful multi-purpose digital imaging system, the **Nexus-DRF** combines RF and DR capabilities on one imaging platform using various industry-leading flat panel detectors.

The Nexus-DRF is offered as either a full-system solution or a software development kit. Coupled with its multi-modality and multi-detector flexibility, the high-performance technology built into the Nexus-DRF makes this system a true value add for any OEM imaging product portfolio.

Cost-effectiveness

- Reduce equipment costs with both RF and DR capabilities on one imaging console
- Future upgrade add-ons available
- Service mode with remote diagnostics
- 12-month system warranty

Image Quality

- InfiVision™ image processing technology utilizes the lowest possible dose to deliver optimum image quality
- Advanced imaging algorithms
- Post-processing features for increased image quality

Productivity

- High-performance database for faster system throughput
- Enhanced GUI for easy navigation
- Optimized workflow
- DICOM 3.0 and IHE compliant

Integration Capabilities

- Integrated to both EMD and CPI generators
- Integration to various industry-leading flat panel detectors

System Specifications: Premium high-throughput digital imaging system.

System

- Integration to various industry-leading flat panel detectors
- System interfaces include:
 - Detector
 - Table
 - Positioner
 - Hospital-Integration to various industry-leading generators
- High-speed quad-core CPU
- Windows® operating system
 - 32/64 bit
- Color touch-screen monitor
- DICOMDVD-RWCD-R/RWcombodrive

InfiVision™ ImageProcessingSoftware

- Utilizes advanced image processing algorithms for optimum image quality
- Imaging parameters tied to customizable APR-based acquisition profiles
- Extensive post-processing features
- Basic measurement and annotation tools
- QCA measurement tools – DSA option

Image Acquisition

- Automatic image optimization based on customizable acquisition profiles
- Acquisition up to 12 FPS (rapid sequence spots – generator dependent)
- One button click to enable emergency patient study
- Programmable sequences – DSA option

Fluoro Capabilities

- Fluoro loop
- Expanded edge enhancement
- Last image hold or real-time fluoro store
- Real-time road-mapping – DSA option
- Integration with motion correction
- Pulsed fluoro (generator dependent)
- Acquisition up to 30 FPS

Software Features

- HIS/RIS worklist support
- Configurable automatic study advance
- Over 500 pre-loaded exam profiles
- Accept/reject functionality
- Auto region of interest (ROI)
- Thumbnail image display
- Left/right markers with smart positioning
- Online and remote service diagnostics
- Optimized workflow for fast

patient throughput

- Background multi-tasking hardcopy allows simultaneous processing and printing during acquisition

DICOM 3.0 Network Interface

- DICOM 3.0 network interface kit includes print class, storage class, worklist, modality perform procedure step and storage commitment class

Supports IHE Integration Profiles

- Scheduled workflow
- Patient information reconciliation
- Portable data for imaging
- Key image note
- Consistent presentation of images