



Trinity

Digital Radiography System





Digital Radiography System

Specifications:

QXR-9

9 megapixel CCD
Image area 17" x 17" FOV
Pixel pitch 140 Micron
16384 Shades of Gray
Depth 14 bit
Resolution Line Pair 3.7 mm
Time to Display 6 seconds
Scintillator Screen / Cesium Iodide
Supported Protocols-TCP/IP, Dicom 3.0

QXR-16

16 megapixel CCD
Image area 17" x 17" FOV
Pixel Pitch 108 Micron
16,384 Shades of Gray
Depth 14 bit
Resolution Line Pair 4.6 mm
Time to Display 10 seconds
Scintillator Screen / Cesium Iodide
Supported Protocols-TCP/IP, Dicom 3.0

Workstation Specs:

Intel Core Duo 2.2 GHz, 800 MHz FSB Processor
9 meg 1 GB DDR@533 MHz of RAM, 16 meg 2 GB DDR@533 MHz of RAM, DVI output
2x160 GB Serial ATA, Configured Raid Hard Drives
Windows XP Pro, Service Pack 3
20" LCD 1600 x 1200, 800:1 Contrast Display Monitor, with wall mounting bracket
Integrated Intel Pro 10/100/1000 Network Adapter
Dicom 3.0 Functions-Storage SCU, Modality Worklist SCU
View Functions- Zoom, Pan, Magnify, Crop, Invert, Flip and Annotate
Covert/Export Function-Dicom, JPG, BMP, TIFF

Detector Stand Specs:

Height: 89.4", Vertical travel 62.5"
Electric locks, electrical power 24V DC

X-Ray Specs:

I-425 37 kW High frequency generator 400 mA, 125 kVp
mA Range 25 to 400 mA, kVp Range 40 to 125kvp, Time 2ms to 6sec
Input power Single Phase, 240 VAC, 100 Amp Breaker
X-Ray Tube 0.6/1.5 Focal spot

