



ViVIX-S

Digital Radiography System with Flat Panel Detector

Technical specification

Application	General Radiography
Detector type	Flat Panel Detector
Active Image Size	43 x 43cm (17" x 17")
Image format	3072 x 3072
Pixel pitch	140 μ m x 140 μ m
Bit-depth	14bit
Dimensions	475 x 475 x 39mm
Weight	Under 9kg
Interface	Gigabit Ethernet
Capture & transmission	within 6 seconds

* Specifications are subject to change without prior notification



vieworks

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Superb diagnostic imaging gifted by flat panel digital radiographic technology

ViVIX-S is a Vieworks's new flat panel digital radiography system with the large field coverage area of 17" x 17" designed for general radiographic applications using its unique image processing system and proprietary flat panel detector.

The active 9 mega-pixels of **ViVIX-S** system ensure superior image quality for today's high standards in precise diagnosis with a spatial resolution of 3.5 lp/mm through Vieworks's digital radiographic flat panel detector technology.

ViVIX-S can offer sequential radiographic images at 4 fps in a binning mode, which is a very unique feature used for pre-positioning of the patient before an actual examination.

User friendly image processor (Model: QXvue) is compliant with DICOM 3.0 standard and provides consistent image quality at a dramatically reduced dose and faster image information with optimized algorithms for each different study.

Images can be simply acquired and transmitted to the DICOM server through Gigabit Ethernet in seconds.

QXLink provides better networking environment to hospitals or clinics.

Versatile Diagnostic Capabilities

- * 9.0 Mega-pixel flat panel detector with radiographic imaging capability
- * Unique electronics hardware with 14-bit signal digitization providing an extremely wide dynamic range
- * Optimized algorithms for each different body part
- * Fast readout time enables an image to be captured and transmitted within 6 seconds

Simple & Smart Featured

- * Full compatibility with DICOM 3.0 standard and Windows™ based platform
- * Side by side dual study comparison capabilities
- * Sequential radiographic images at 4 fps in a binning mode
- * Featuring special Remote Viewing program (Minvue) & QXLink
- * Various preset image processing modes for different studies
- * Communication interface through Gigabit Ethernet (1,000BASE-T)
- * Simple & easy integration with all kinds of digital radiography systems

Superior Image Quality

- * Brilliant Modulation Transfer Function (MTF)
- * Superior diagnostic image quality through flat panel detector with the proven technology of QXvue image processing software.
- * Dramatically reduced X-ray dose for patient safety during an examination

Communication Block Diagram

