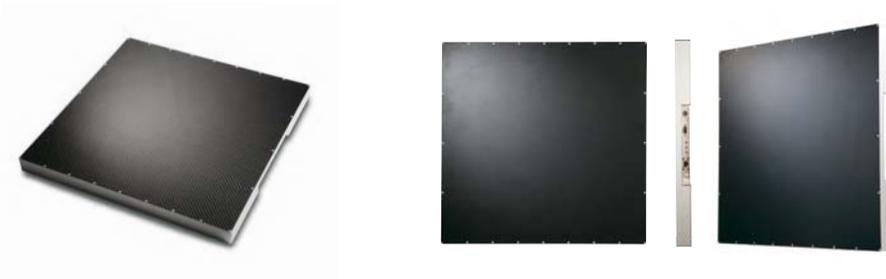


ViVIX-S

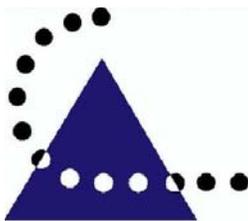
digital radiography system with flat panel detector



Technical specification

Application	General radiography
Technology	Flat panel detector : a-Si TFT with PIN diode
Scintillator	CsI:TI / Gadolinium Oxide
Pixel pitch	140um x 140um
Pixels	3072 x 3072 pixels
Image size	17 x 17 inches (43 x 43cm)
A/D conversion	14-bit
Grayscale	16384 grayscales
X-ray voltage range	40 ~ 150kVp
X-ray generator Interface	Line trigger : DR trigger Mode, Passive trigger mode Auto trigger : AED Mode
Interface	Gigabit Ethernet (1000BASE-T)
Dimensions	470 (W) x 470 (L) x 35 (T) mm
Weight	Approx. 11kg
Operating Environment	15 - 35°C, 30 - 80% RH (non-condensing)
Power	DC24V, 1.0A

* Specifications are subject to change without prior notification

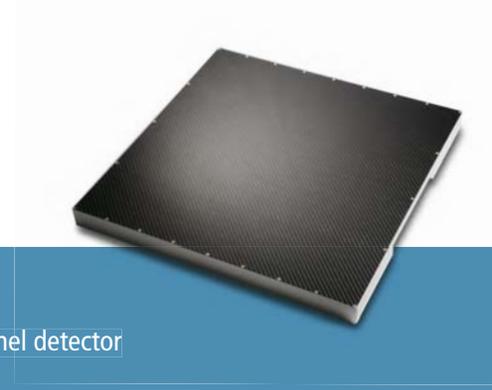


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ViVIX-S



FXRD-1717SA/SB

digital radiography system with flat panel detector



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Superb diagnostic imaging gifted by flat panel digital radiographic technology

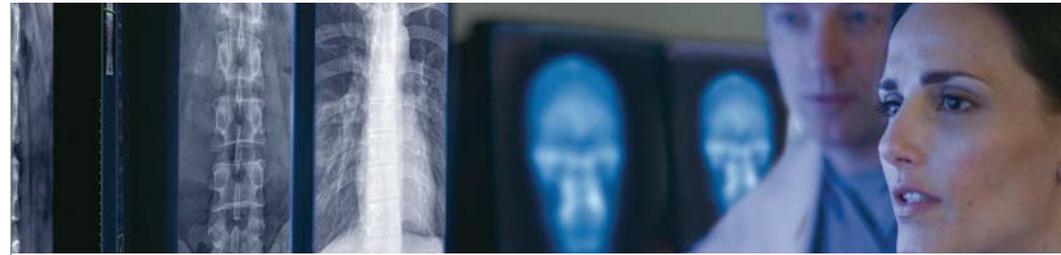
ViVIX-S is a Vieworks's flat panel digital radiography system with a large field coverage area of 17"x17" designed for general radiographic application using its unique image processing system and proprietary flat panel detector.

The active 9.4 Mega-pixels of **ViVIX-S** system ensure superior image quality for today's high standards for precise diagnosis performance by the Vieworks's digital radiographic flat panel detector technology.

ViVIX-S can be used without any connections to the X-ray generator with our patented AED (Automatic Exposure Detection) circuit included on all Vieworks's flat panel detector series. **ViVIX-S** works just like CR or film as it is triggered by the radiation and not by a generator interface connection.

User friendly imaging software (Model: VXvue) with DICOM 3.0 standard provides consistent image quality at a dramatically reduced dose and faster image information with optimized algorithms for each different study. Image can be simply acquired and transmitted to the DICOM server through Gigabit Ethernet in seconds.

ViVIX-S can be installed in a single, dual or multiple detector-configurations depending on the required applications. For dual or multiple detector-configurations, **ViVIX-S** can also be installed with a combination of **ViVIX-S** and other flat panel detector models from Vieworks.



Versatile Diagnostic Capabilities

- * 9.0 Mega-pixel flat panel detector with radiographic imaging capability
- * 14-bit signal digitization providing an extremely wide dynamic range for a greater grayscale
- * Optimized algorithms for each different body part selection
- * Fast readout time enables an image to be captured and transmitted within 4 seconds

Simple & Smart Featured

- * Full compatibility with DICOM 3.0 standard and Windows™ based platform
- * Side by side dual study comparison capabilities
- * Including Automatic Exposure Detection (AED) Trigger mode as well as the line trigger modes
- * Including special remote viewing program (MINIvue) & QXLink
- * Various preset image processing modes for different studies
- * Communication interface through Gigabit Ethernet (1000 BASE-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 VXvue image processing software
- * Dramatically reduced X-ray dose for patient and user safety during an examination

Communication Block Diagram

