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# VIVIX-S 1417S

Portable Flat Panel Detector  
For Digital Radiography



**VIVIX-S 1417S** is a Vieworks' flat panel digital radiography cassette system with 14" x 17" coverage area for general radiographic applications using its unique image processing system and proprietary flat panel detector. With the same size as a film or a CR cassette, it is an excellent solution for upgrading conventional X-ray system. User friendly imaging software, VXvue™ is compliant with DICOM 3.0 standard and provides consistent image quality at a dramatically reduced dose and faster image information with optimized algorithm for each different study. It only takes a few simple steps to acquire and transmit images to the DICOM server through Gigabit Ethernet.

**VIVIX**

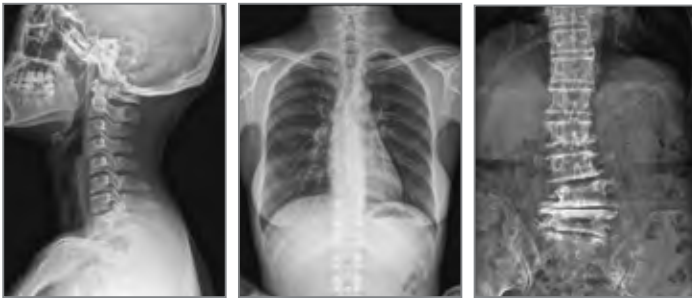
## Features

- Wide active area of 14" x 17"
- High spatial resolution with 140 $\mu$ m pixel array
- Stable and reliable automatic exposure detection (Anytime™)
- Viewer software running on Windows™ OS (VXvue™)
- Communication interface through Gigabit Ethernet (1000 BASE-T)
- Simple and easy integration with all kinds of digital radiography system



Designed and manufactured by Vieworks in Korea

## Acquired Images



## Drawing



## Technical Specifications

Model Name	FXRD-1417SA / FXRD-1417SB
Application	General radiography
Technology	Flat panel detector : a-Si TFT with PIN diode
Scintillator	CsI:Tl / Gd <sub>2</sub> O <sub>2</sub> S:Tb
Pixel Pitch	140 $\mu$ m x 140 $\mu$ m
Spatial Resolution	3.5lp/mm
Pixels	2,560 x 3,072 pixels
Image Size	14 x 17 inches (35 x 43cm)
Grayscale	14 bit
X-ray Voltage Range	40 – 150kVp
X-ray Generator Interface	Line trigger : DR Trigger Mode Auto trigger : AED (Automatic Exposure Detection) Mode
Data Interface	Gigabit Ethernet
Image Acquisition Time	1.2 sec
Extension Cable	GigE communication and power supply (7m)
Dimensions	460 x 384 x 15mm
Weight	1417SA: 3.2kg / 1417SB: 3.1kg
Operating Environment	10 – 35°C, 30 – 85% RH (non-condensing)
Power	DC24V, 0.5A

\* Specifications are subject to change without prior notice.

FDA Approved     

## Headquarters

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