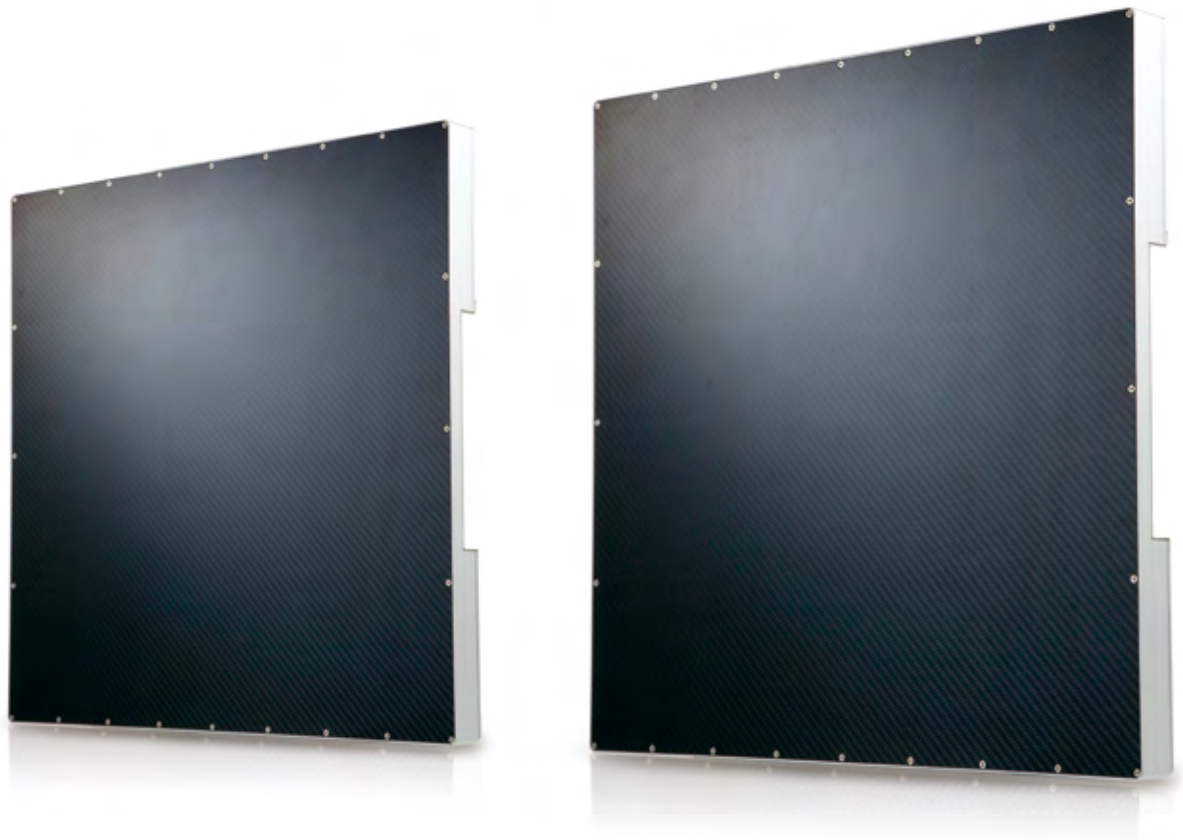

VIVIX-S 1717S

Flat Panel Detector for Digital Radiography

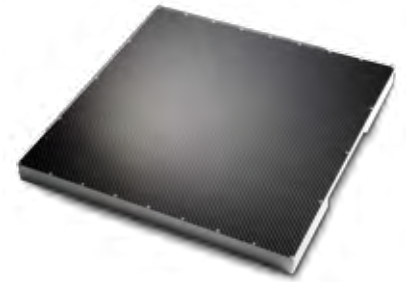


VIVIX-S 1717S is a Vieworks' flat panel detector with a large field coverage area of 17" x 17", which is designed for general radiographic application using its unique image processing system and proprietary flat panel detector. The active 9.4Mega-pixel sensor of VIVIX-S ensures superior image quality to meet market demand for precise diagnosis performance, which is made possible by the Vieworks' digital radiographic flat panel detector technology. With automatic exposure detection, Anytime™, VIVIX-S can be used without connection to the X-ray generator. It works just like CR or film as it is triggered by the radiation, instead of a generator interface connection.

VIVIX

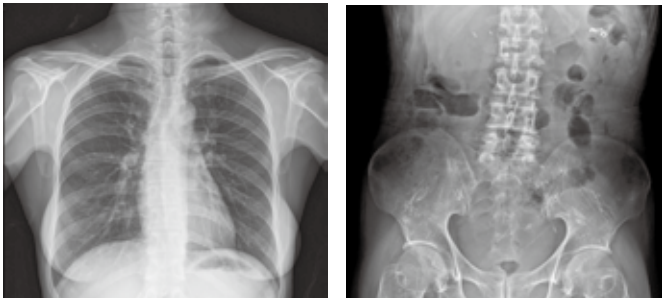
Features

- Wide active area of 17" x 17"
- High spatial resolution with 140 μ 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 systems

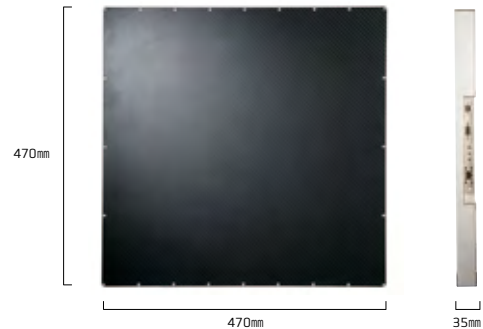


Designed and manufactured by Vieworks in Korea

Acquired Images



Drawing



Technical Specifications

Model Name	FXRD-1717SA / FXRD-1717SB
Application	General radiography
Technology	Flat panel detector : a-Si TFT with PIN diode
Scintillator	CsI:Tl / Gd ₂ O ₂ S:Tb
Pixel Pitch	140 μ m x 140 μ m
Spatial Resolution	3.5lp/mm
Pixels	3,072 x 3,072 pixels
Image Size	17 x 17 inches (43 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 sec
Dimensions	470 x 470 x 35mm
Weight	Approx. 11kg
Operating Environment	10 – 35°C, 30 – 85% RH (non-condensing)
Power	DC24V, 0.8A

* Specifications are subject to change without prior notice.



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