
VIVIX-S

Flat Panel Detector for Digital Radiography



VIVIX-S 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

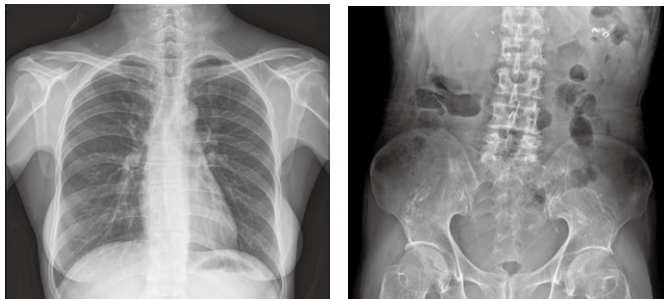
Features

- * Wide active area of 17" x 17"
- * High spatial resolution with 140um 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

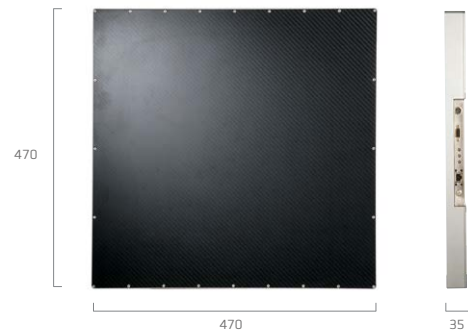


Configuration
 Detector FXRD-17175A/B
 Power Supply Unit FXRP-01
 Designed and manufactured by Vieworks in Korea

Acquired Images



Drawing



Technical Specification

Application	General radiography
Technology	Flat panel detector : a-Si TFT with PIN diode
Scintillator	CsI:Tl / Gd ₂ O ₂ S:Tb
Pixel Pitch	140um x 140um
Pixels	3,072 x 3,072 pixels
Image Size	17 x 17 inches (43 x 43cm)
A/D Conversion	14 bit
Grayscale	16,384 steps
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 (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, 0.8A

* Specifications are subject to change without prior notification.



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