
VIVIX-S 1717N

Wide and Slim Portable Flat Panel Detector
for Digital Radiography



VIVIX-S 1717N is Vieworks' new slim portable flat panel detector for digital radiography with wide active area of 17" x 17". It features Vieworks' unique wireless communication method, Inside AP™ which allows users directly connect to the detector with laptops, tablet PCs and even smart phones. Furthermore, reliable automatic X-ray exposure detection, Anytime™ enables integration with any kind of X-ray systems. It is a perfect blending of state-of-the-art technologies in medical engineering, optics, electronics and information technologies with brilliant hardware and software design. Both CsI(1717NA) and GADOX(1717NB) scintillator types are available, with both wired(1717NA/NB) and wireless(1717NAW/NBW) configurations for each scintillator type.

VIVIX

Features

- Wide active area of 17" x 17"
- Slim and portable
- High spatial resolution with 140 μ m pixel array
- Wi-Fi data transfer with dual band (2.4GHz and 5GHz)
- Stable and reliable automatic exposure detection (Anytime™)
- Direct communication with smart devices (Inside AP™)
- Viewer software running on Windows™ OS (VXvue™)

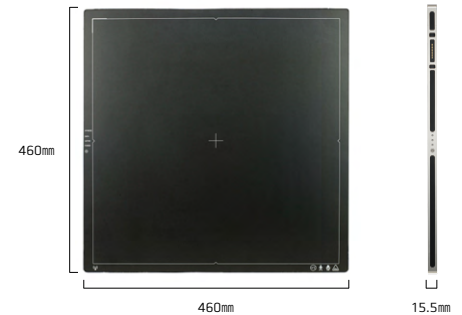


Designed and manufactured by Vieworks in Korea

Acquired Images



Drawing



Technical Specifications

Model Name	FXRD-1717NA / FXRD-1717NB, FXRD-1717NAW / FXRD-1717NBW
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	16 bit
X-ray Voltage Range	40 – 150kVp
X-ray Generator Interface	Line trigger : DR Trigger Mode Auto trigger : AED (Automatic Exposure Detection) Mode
Wireless Interface	IEEE 802.11n (2.4GHz/5GHz dual band)
Wired Interface	Gigabit Ethernet (1000BASE-T) via PoE (Power over Ethernet)
Image Acquisition Time	1.5 sec (Wired) / 3 sec (Wireless)
Dimensions	460 x 460 x 15.5mm
Weight	Approx. 4.2kg (wired), Approx. 4.5kg (wireless)
Operating Environment	10 – 35°C, 30 – 85% RH (non-condensing)
Power	DC 24V, 1.0A (Max.)
Battery	Lithium Ion 3,100mAh x 2

* Specifications are subject to change without prior notice.

FDA Approved  

Headquarters

41-3, Burim-ro 170 beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do, 14055 Republic of Korea

Tel +82-70-7011-6161 Fax +82-31-386-8631 E-mail sales@vieworks.com

www.vieworks.com