
VIVIX-S 1012N

Versatile Portable Flat Panel Detector
for Digital Radiography



VIVIX-S 1012N is Vieworks' new portable flat panel detector for digital radiography in various applications such as ENT, equine, and cephalometry, etc. with active area of 10" x 12". Its 124 μ m pixel TFT sensor gives high resolution image and its Wi-Fi communication system provides fast wireless transfer speed. 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. The product is available in both CsI(1012NAW) and GADOX(1012NBW) scintillator types.

VIVIX

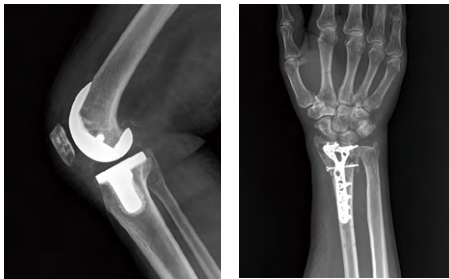
Features

- Active area of 10" x 12"
- Various applications such as ENT, equine and cephalo
- High spatial resolution with 124 μ m pixel array
- Wi-Fi data transfer with dual band (2.4GHz and 5GHz)
- Viewer software running on Windows™ OS (VXvue™)

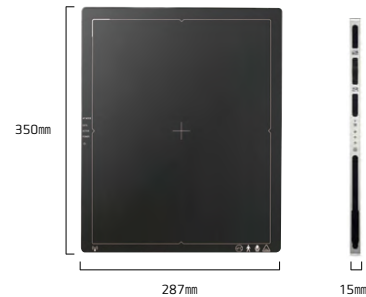


Designed and manufactured by Vieworks in Korea

Acquired Images



Drawing



Technical Specifications

Model Name	FXRD-1012NAW / FXRD-1012NBW
Application	General Radiography
Technology	Flat panel detector : a-Si TFT with PIN diode
Scintillator	CsI:Tl / Gd ₂ O ₂ S:Tb
Pixel Pitch	124 μ m x 124 μ m
Spatial Resolution	4lp/mm
Pixels	2,048 x 2,560 pixels
Image Size	10 x 12 inches (25 x 32cm)
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)
Image Acquisition	1.5 sec (wired) / 3 sec (wireless)
Dimensions	350 x 287 x 15mm
Weight	Approx. 2.2kg
Operating Environment	10 – 35°C, 30 – 85% RH (non-condensing)
Power	DC 24V, 0.8A (Max.)
Battery	Lithium Ion / 3,100mAh

* 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