
VIVIX-S 1417W

Wireless Portable Flat Panel Detector
for Digital Radiography

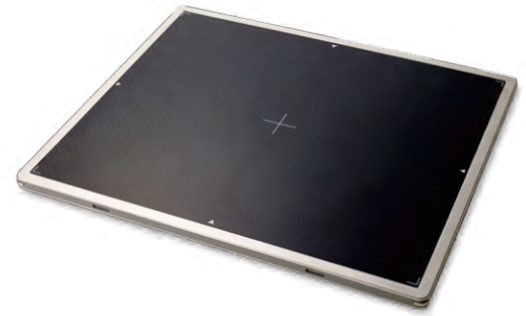


VIVIX-S 1417W is a Vieworks' 14" x 17" flat panel detector for general radiographic applications using its unique image processing system. With the size the same as that of CR cassette or films, it fits into almost all existing bucky trays. It is easy to acquire and instantly transmit images to the DICOM server through Wi-Fi network. The battery charger can recharge up to 3 batteries at the same time within 2 hours. An additional tether cable connection to the detector can also recharge the battery without removing it from the detector. Inside AP™ enables customers to take X-ray examinations directly to a computer or a laptop with Wi-Fi connection. In case of disconnection of Wi-Fi network between the detector and the image acquisition software, the detector can save up to 100 images at its on-board memory. After resuming communication with the detector, all saved images can be transmitted to the software.

VIVIX

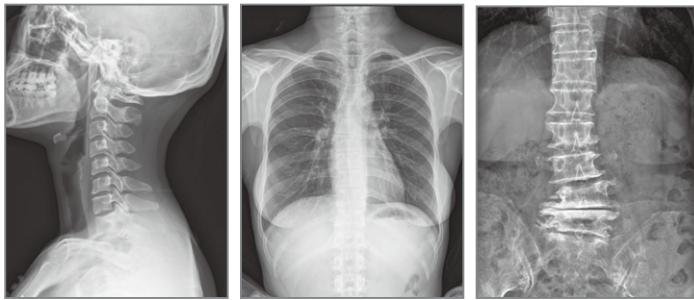
Features

- Wide active area of 14" x 17"
- 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™)

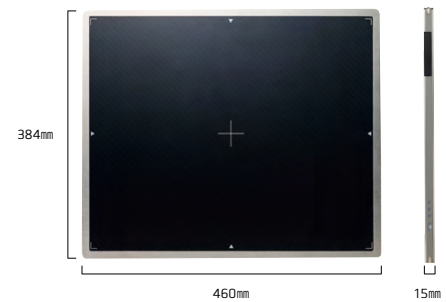


Designed and manufactured by Vieworks in Korea

Acquired Images



Drawing



Technical Specifications

Model Name	FXRD-1417WA / FXRD-1417WB
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	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, IEEE 802.11a/b/g/n(2.4GHz / 5GHz dual band)
Image Acquisition Time	2 sec (wired) 2 sec (preview, wireless), 4.5 sec (high resolution, wireless)
Dimensions	460 x 384 x 15mm
Weight	Approx. 3.3kg
Operating Environment	10 – 35°C, 30 – 85% RH (non-condensing)
Power	DC24V, 0.5A (Wired Mode) / 7.4V 4,000mAh Lithium Ion Polymer Battery

* Specifications are subject to change without prior notice.

FDA Approved

Headquarters

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