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 140um 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™)

Drawing

460
460
15

Configuration

Detector	FXRD-1717NA/B(W)
System Control Unit	FXRS-04A/B
Charger	FXRC-02A

Designed and manufactured by Vieworks in Korea

Technical Specification

Application	General radiography
Technology	Flat panel detector : a-Si TFT with PIN diode
Scintillator	CsI:Tl / Gd_2O_2S:Tb
Pixel Pitch	140um x 140um
Spatial Resolution	3.6lp/mm
Pixels	3,072 x 3,072 pixels
Image Size	17 x 17 inches (43 x 43cm)
A/D Conversion	16 bit
Grayscale	65,536 steps
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 sec (Wired) / 3 sec (Wireless)
Dimensions	460 (W) x 460 (L) x 15 (T) mm
Weight	Approx. 4.1kg (GADOX) / 4.2kg (CsI)
Operating Environment	15 ~ 35℃, 30 ~ 85% RH (non-condensing)
Power	DC24V, 0.8A, Max. 20W
Battery	Lithium Ion / 3,100mAh x 2 = 6,200mAh

* Specifications are subject to change without prior notification.

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