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㎛ 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.
**Features**

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

**Technical Specifications**

- **Model Name**: FXRD-1012NAW / FXRD-1012NBW
- **Application**: General Radiography
- **Technology**: Flat panel detector : a-Si TFT with PIN diode
- **Scintillator**: CsI:TI / Gd2O2S:Tb
- **Pixel Pitch**: 124㎛ x 124㎛
- **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 : OR 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 15㎜
- **Weight**: Approx. 2.2kg
- **Power**: DC 24V, 0.8A (Max.)
- **Battery**: Lithium Ion / 3,100mAh

* Specifications are subject to change without prior notice.*

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