

ViVIX-S Portable, Wired

wired portable flat panel detector for digital radiography system



Technical specification

| | |
|---------------------------|---|
| Application | General radiography |
| Technology | Flat panel detector : a-Si TFT with PIN diode |
| Scintillator | CsI:Tl / Gadolinium Oxide |
| Pixel pitch | 140um x 140um |
| Pixels | 2560 x 3072 pixels |
| Image size | 14 x 17 inches (35 x 43cm) |
| A/D conversion | 14bit |
| Grayscale | 16384 grayscales |
| X-ray voltage range | 40 ~ 150kVp |
| X-ray generator Interface | Line trigger : DR trigger Mode, Passive trigger mode Auto trigger : AED mode |
| Interface | Gigabit Ethernet (1000BASE-T) |
| Detector cable | GigE communication and power supply (7m) |
| Dimensions | 460 x 384 x 15 mm |
| Weight | Approx. 3.0kg (GOS) / 3.2kg (CsI) |
| Operating Environment | 15 - 35°C, 30 - 85% RH (non-condensing) |
| Power | DC24V, 0.5A |

* Specifications are subject to change without prior notification

ViVIX-S Portable, Wired



FXRD-1417SA/SB

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viewworks

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Simple and smart featured diagnostic capabilities

ViVIX-S Portable, Wired is a Vieworks's flat panel digital radiography cassette system with 14"x17" coverage area for general radiographic applications, using its unique image processing system and proprietary flat panel detector.

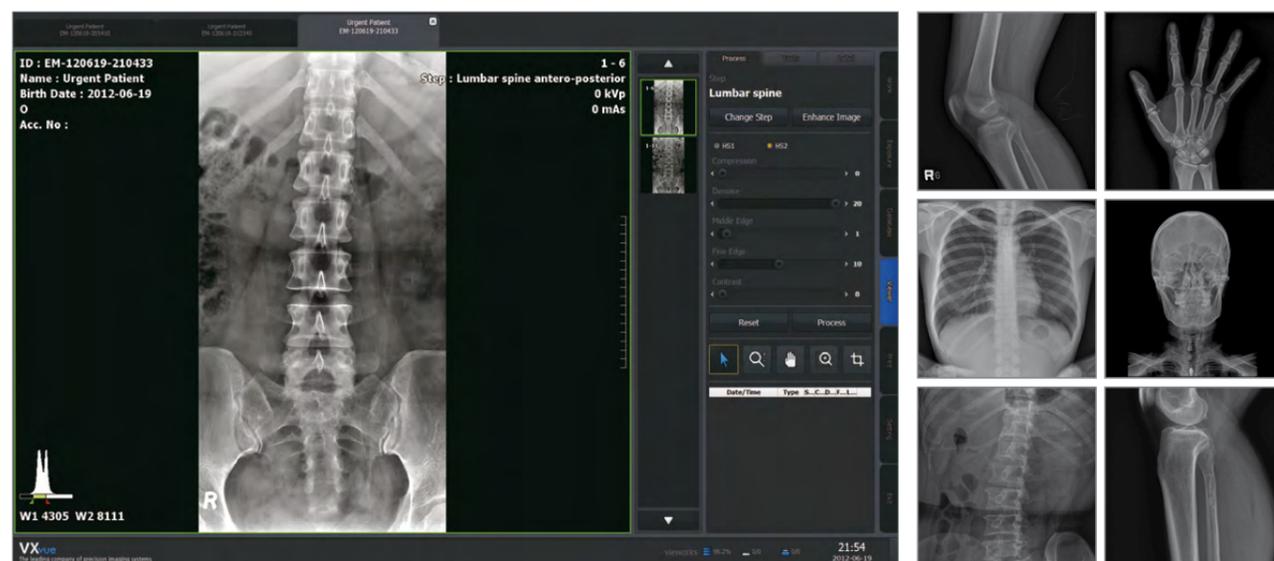
The detector is the same size as a film or a CR cassette and therefore it is an excellent solution for upgrading conventional X-ray systems still currently working with X-ray film or CR type digital radiography systems.

User friendly imaging software (Model: VXvue) is compliant with DICOM 3.0 standard and provides consistent image quality at a dramatically reduced dose and faster image information with optimized algorithms for each different study.

Image can be simply acquired and transmitted to the DICOM server through Gigabit Ethernet in just a few seconds.

A handle is attachable and removable depending on the needs of your application.

ViVIX-S Portable, Wired can be installed in a single or dual or multiple detector-configurations depending on the required applications. For dual or multiple detector-configurations, ViVIX-S Portable, Wired can also be installed with a combination of ViVIX-S Portable, Wired and other flat panel detector models from Vieworks.



Slim and Light-weight Design

- * The same size as film or CR 14 x 17 inch (35 x 42cm) cassettes
- * Weight under 3.0kg
- * Easy to carry with an attachable & removable handle
- * Perfect solution for retrofit from conventional film X-ray systems to digital radiography systems
- * Detachable handle for bucky applications offering no limitation in the orientation of the cassette
- * Grid holder (optional)

Versatile Diagnostic Capabilities

- * 14"x17" wired portable flat panel detector inclusive of our VXvue imaging software
- * Unique electronics hardware with 14-bit signal digitization providing an extremely wide dynamic range
- * Optimized algorithms for each different body part
- * Fast readout time enables an image to be captured and transmitted within 4 seconds

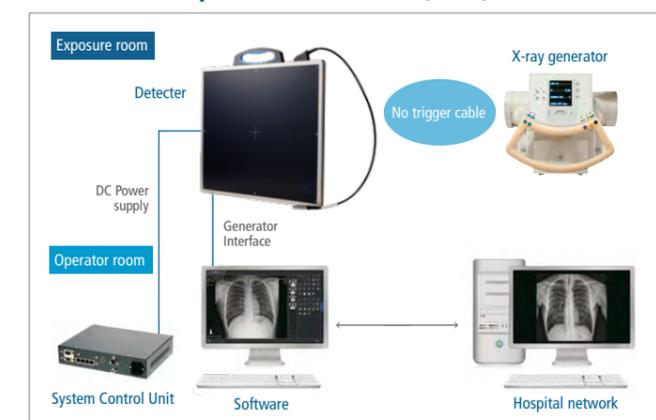
Simple & Smart Featured

- * Full compatibility with DICOM 3.0 standard and Windows™ based platform
- * Side by side dual study comparison capabilities
- * Featured special remote viewing program (MINIvue) & QXLink
- * Various preset image processing modes for different studies
- * Including Automatic Exposure Detection (AED) trigger mode as well as the line trigger modes
- * Communication interface through Gigabit Ethernet (1000 BASE-T)
- * Simple & easy integration with all kinds of digital radiography system

Best solution for DR retrofit



Automatic Exposure Detection (AED)



No trigger cable between detector and X-ray generator is needed for X-ray examination