pulseISM
PASSIONATE ABOUT IMAGING



INTRODUCING

Vieworks Panels from Summit Industries

VIVIX-S VW Series

Wireless DR Panels
VIVIX-S 3643VW | VIVIX-S 4343VW

Two wireless cesium iodide detector sizes, 14" x 17" and 17" x 17", running on Vieworks VXvue acquisition software with PureImpact™ image processing.

Vieworks Panels for AMRAD Rooms and More

Add Vieworks wireless DR to an AMRAD Medical X-ray room from Summit Industries, or ask us to check compatibility with a room from another manufacturer.

vieworks | SUMMIT



Real Mobility

Lightweight, with built-in handles



IP67 Durability

Dust and water resistant; 100 cm drop-tested



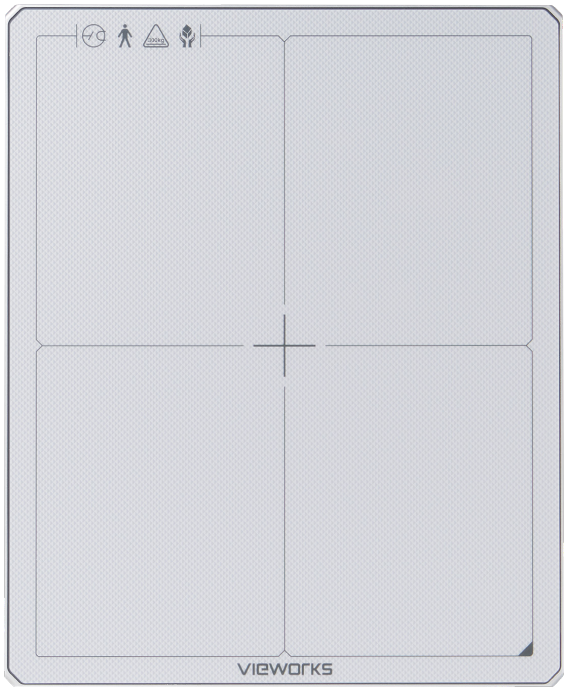
VXvue with PureImpact™

Acquisition and image processing software

Why VIVIX-S VW?

The Vieworks VIVIX-S VW Series from Summit Industries brings wireless cesium iodide DR to general radiography, with two detector sizes that run on the same VXvue software.

- **Anytime™ AED** – Vieworks' automatic exposure detection lets the detector capture images without a synchronized signal from the X-ray system, which makes upgrading an analog room to digital easier.
- **InsideAP™ Wireless** – Built-in Wi-Fi (802.11n/ac) connects the detector to a laptop or tablet. The detector also saves up to 200 images as a backup if Wi-Fi drops.
- **Cassette Size** – ISO 4090, the same size as a film or CR cassette.



Built to Move With You

- Lightweight, with built-in handles
- Charge by USB-C, magnetic tether connector or optional cradle
- Two embedded batteries, up to 16 hours standby
- OLED screen shows battery, connection and sleep status

Shown: VIVIX-S 3643VW, 14" x 17" wireless detector.

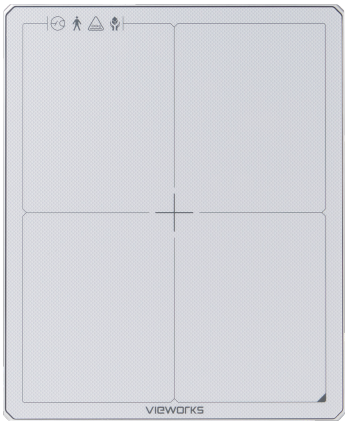
VIVIX-S VW AT A GLANCE

140 µm	3.5 lp/mm	IP67	4 sec.
Pixel pitch	Spatial resolution	Dust and water	Recommended cycle time

Two 3,400 mAh lithium-ion batteries: up to 16 hours standby, or about 3,000 images at a 15-second cycle. Connects by Gigabit Ethernet or IEEE 802.11n/ac wireless.

03 TWO DETECTOR SIZES

Two Sizes. One Software Platform.





VIVIX-S 3643VW

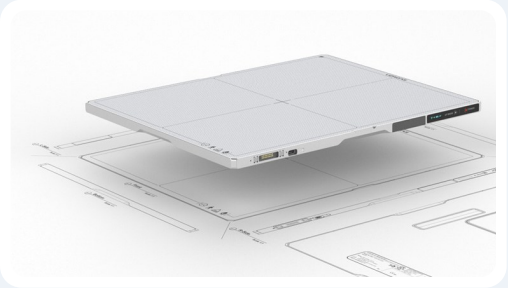
14" x 17" detector | FXRD-3643VAW

- 6.5 lb (2.95 kg) with one battery
- 35.8 x 43.0 cm image size
- 2560 x 3072 pixels
- 38.4 x 46.0 x 1.5 cm

VIVIX-S 4343VW

17" x 17" detector | FXRD-4343VAW

- 7.6 lb (3.45 kg) with one battery
- 43.0 x 43.0 cm image size
- 3072 x 3072 pixels
- 46.0 x 46.0 x 1.5 cm



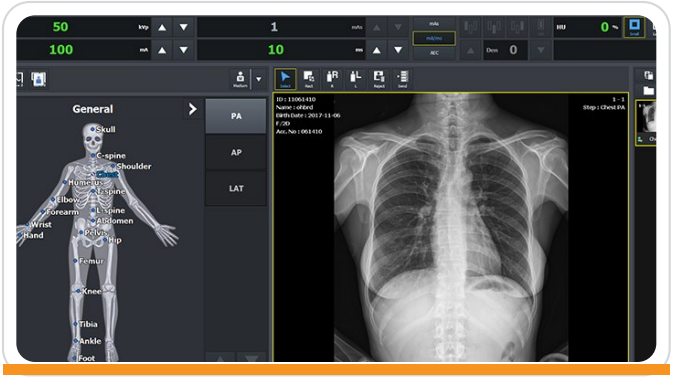
Built for Everyday Use

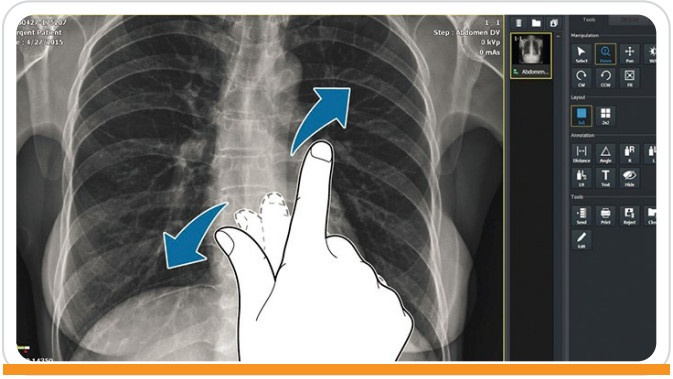
- IP67 dust and water resistance
- Drop-tested at 100 cm, with a 400 kg (882 lb) load limit
- Operates from 0°C to 40°C
- Two embedded batteries; standard USB-C charging cable included

SUMMIT INDUSTRIES SERVICE NETWORK

Summit Industries offers Vieworks VIVIX-S panels with its AMRAD Medical X-ray systems. Pulse ISM coordinates installation, training and service through Summit Industries and its authorized partners.

VXvue with PureImpact™ and Compatibility





Vieworks Software for VIVIX-S Panels

VXvue is Vieworks' acquisition and viewing software for VIVIX-S detectors. PureImpact™ is its image processing.

- Patient registration, exposure, post-processing and send/export in one program
- DICOM 3.0 compatible
- Integrates with generators, U-arms, collimators and DAP meters
- PureImpact™: soft tissue detail, non-grid chest processing and grid line removal
- Auto stitching, auto cropping and auto labeling
- Touch-screen operation, including pinch to zoom and a virtual keyboard
- Manage more than one patient at the same time

Works With

- AMRAD Medical X-ray rooms from Summit Industries, including OTS Classic and Simplicity
- Generator integration with AMRAD generators
- AED mode for rooms without generator integration
- Rooms from other manufacturers: ask us to check compatibility

What the Package Includes

- VIVIX-S VW wireless CsI detector
- Two embedded batteries and USB-C charging cable
- Wireless access point
- VXvue with PureImpact™ software
- Acquisition workstation and monitor



Optional Drop Protection

Vieworks offers drop coverage for VW Series panels, from one to five years, purchased with the panel or within 60 days. Package contents and compatibility can vary by system, so ask Pulse ISM to confirm for your room.

VIVIX-S VW Specifications

Model	VIVIX-S 3643VW (14" x 17")	VIVIX-S 4343VW (17" x 17")
Model name	FXRD-3643VAW	FXRD-4343VAW
Technology	a-Si TFT flat panel detector	
Scintillator	Cesium iodide (CsI)	
Image size	14 x 17 in (35.8 x 43.0 cm)	17 x 17 in (43.0 x 43.0 cm)
Pixel matrix	2560 x 3072 pixels	3072 x 3072 pixels
Pixel pitch	140 µm	
Spatial resolution	3.5 lp/mm	
Grayscale	16 bits	
Image acquisition time	3 seconds	
Recommended cycle time	4 seconds	
Data interface	Gigabit Ethernet; IEEE 802.11n/ac wireless	
Generator interface	DR trigger mode; AED mode	
Dimensions	38.4 x 46.0 x 1.5 cm	46.0 x 46.0 x 1.5 cm
Weight, one battery	6.5 lb (2.95 kg)	7.6 lb (3.45 kg)
Weight, two batteries	6.9 lb (3.15 kg)	8.0 lb (3.65 kg)
Battery	Lithium-ion 3,400 mAh x 2; 16 hours standby; about 3,000 images at a 15-second cycle	
Dust and water resistance	IP67	
X-ray voltage range	40 – 150 kVp	
Operating environment	0°C to 40°C; 5% to 90% RH, non-condensing	
Power consumption	Normal: max. 24 W; charging: max. 80 W	

Summit Industries quotes list these detectors as the VIVIX-S VW Series DR 1417VW (FXRD-3643VAW) and 1717VW (FXRD-4343VAW).

All specifications are subject to change without notice. Vieworks, VIVIX, VXvue and PureImpact are trademarks of Vieworks Co., Ltd.

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06 YOUR IMAGING PARTNER

Why Pulse ISM?

The Right Detector Starts With the Right Questions.



Pulse ISM helps facilities choose DR detectors and digital imaging packages around how they actually image, not around a predetermined equipment package.

Before we recommend a configuration, we consider your existing X-ray equipment, exam mix, patient volume and budget. Then we help determine the right detector, workstation and software setup for your team.

More Than Equipment. A Partner in Your Imaging Program.

- **Consultative Equipment Selection** – We match the detector and software to your rooms and workflow.
- **Clear, Itemized Recommendations** – Core equipment and optional additions are clearly separated.
- **Delivery, Installation & Training** – Coordinated with the manufacturer or its authorized partners.
- **Grant-Ready Quote Package** – Itemized quote, certificates, W-9, SAM/UEI and capability statement.
- **Certified Supplier** – Pulse ISM is nationally certified as a WBE, WOSB, and EDWOSB.

VIVIX-S 3643VW • VIVIX-S 4343VW • VXvue with PureImpact™ • CR to DR Upgrades

Ready to Plan Your DR Upgrade?

Whether you are adding Vieworks wireless DR to an AMRAD room, moving from CR to DR, or replacing an aging detector, Pulse ISM can help you evaluate the project before equipment decisions are finalized.

Start With Your Rooms. Build Around Your Workflow.

Share your current X-ray equipment, generator, exam mix, patient volume and project goals. We'll help you identify the DR configuration that makes sense for your clinical needs, space and budget.

We Can Help You Think Through:

- **Detector & Software Configuration** – Evaluate detector size, wired or wireless use, workstation and acquisition software around your rooms and workflow.
- **Compatibility Check** – Confirm how a detector package works with your existing X-ray system and generator before you order.
- **Budget & Procurement Planning** – Develop a clearly itemized equipment package that separates core system requirements from available options.
- **Installation Coordination** – Work with the manufacturer and authorized partners to coordinate delivery, installation, PACS connection and training.
- **Accessories to Complete the Room** – Pulse ISM can also help source detector holders, panel protection, positioning aids and other everyday X-ray room accessories.

One Conversation Can Start the Process – You don't need every project detail figured out before contacting us. Bring us what you know today, and we'll help identify the questions that need to be answered next.

Contact Us About The VIVIX-S VW Series Today

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WBE | WOSB | EDWOSB | Small Business
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