

EXPRIMER

For Retrofit & System Integration
Wired detector with ultimate convenience

EVS 4343A **EVS 3643A**

Ultimate Image Quality & Performance



Advanced Features

▼ **Simple Configuration**

Only 2 part hardware configuration for easy installation. By eliminating the SSU(Control Box), detector to X-ray interface is simplified allowing for flexible space utilization and installation.

▼ **Supports Multi-frame Modality**

EVS 4343A is truly a multi-purpose detector supporting three applications. system integrated or integrated into a X-ray system as a multi-frame detector for TOMO and DES applications.

▼ **Fast Image Acquisition Time**

Less than 2 Sec. image acquisition time, EVS A-series enhances workflow efficiency with faster patient throughput without sacrificing image quality.

▼ **Flexi-wired Single LAN Cable Interface**

Fast DR upgrade without X-ray generator integration

Single LAN cable connection enables fast and straight-forward installation. Easy and cost effective service is possible with the use of commercialized LAN cable.

Fast Image Acquisition Time for Fast Patient Throughput



Positioning & Exposure

Min
1 sec.



Image Preview

Min
3 sec.



Repositioning & Exposure

Min
1 sec.



Image Preview

First Image: Min. 4 sec.

Total Time: Min. 6 sec.

EVS A Series Specifications

Model	EVS 4343A
Scintillator	CsI / Gadox
Active area	430 x 430 (mm) / 17 x 17 (inch)
Resolution	3,072 X 3,072
Pixel pitch	140 μ m
Dimension	460 X 460 X 15.5 mm (Protruding Area: 242 x 125.5mm)
Weight	4.3 kg
X-ray Sync.	Lossless AED/AWC, Sync Trigger
Data Interface	Giga Ethernet (LAN Cable)
ADC	16-bit

Model	EVS 3643A
Scintillator	CsI / Gadox
Active area	358 x 430 (mm) / 14 x 17 (inch)
Resolution	2,560 X 3,072
Pixel pitch	140 μ m
Dimension	386 X 460 X 15.5 mm (Protruding Area: 242 x 125.5mm)
Weight	3.5 kg
X-ray Sync.	Lossless AED/AWC, Sync Trigger
Data Interface	Giga Ethernet (LAN Cable)
ADC	16-bit

EVS W Series Specifications

Model	EVS 4343W
Scintillator	CsI / Gadox
Active area	430 x 430 (mm) / 17 x 17 (inch)
Resolution	3,072 X 3,072
Pixel pitch	140 μ m
Dimension	460 X 460 X 15 mm
Weight	3.45 kg
X-ray Sync.	Lossless AED/AWC, Sync Trigger
Data Interface	Giga Ethernet (LAN Cable)
ADC	16-bit

Model	EVS 3643W
Scintillator	CsI / Gadox
Active area	358 x 430 (mm) / 14 x 17 (inch)
Resolution	2,560 X 3,072
Pixel pitch	140 μ m
Dimension	386 X 460 X 15 mm
Weight	3.0 kg
X-ray Sync.	Lossless AED/AWC, Sync Trigger
Data Interface	Giga Ethernet (LAN Cable)
ADC	16-bit

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Ultimate Portability & Performance

for flawless low dose imaging

EXPRIMER



Best Image Quality with Limitless Performance

EVS A/W Series

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For Ultimate Portability
Wireless detector with innovative Power Charging Solution



EVS 4343W **EVS 3643W**

Ultimate Portability & High Durability

Advanced Features

▼ **OLED Display for User Convenience**

Easy & Simple Way to Check Detector Status

EVS-W Series OLED display provides information for easy visualization of the detector status. The display enables the user to connection status, detector mode status, number of image acquisition, patient information and battery status for increased workflow efficiency.

▼ **WPCS* for 24hr Power Management**

With WPCS, EVS-W can be used 24 hours a day without the need for a battery change. The Rx module embedded in the detector receives power from the Tx module installed inside the bucky or the wireless power charging cradle allowing for continuous battery charging

WPCS: wireless power charging system (Optional Feature)

▼ **CR Mode & 3-Button Design**

for Ultimate Portability

EVS-W Series allows for image acquisition without a workstation. The detector can be connected with a mobile device to ensure that images are being taken correctly to minimize the risk of retakes. With 3 button design, quick mode switch and simply adding patient are available.

▼ **Innovative USB C-type Power Charging Solution**

With the USB C-type connection technology, image transfer and detector power charging is possible with Single USB C-type cable.

Fast Image Acquisition Time for Fast Patient Throughput



Positioning & Exposure

Min
1 sec.



Image Preview

Min
4 sec.



Repositioning & Exposure

Min
1 sec.



Image Preview

First Image: Min. 5 sec.

Total Time: Min. 7 sec.

*with optimal Wifi condition