

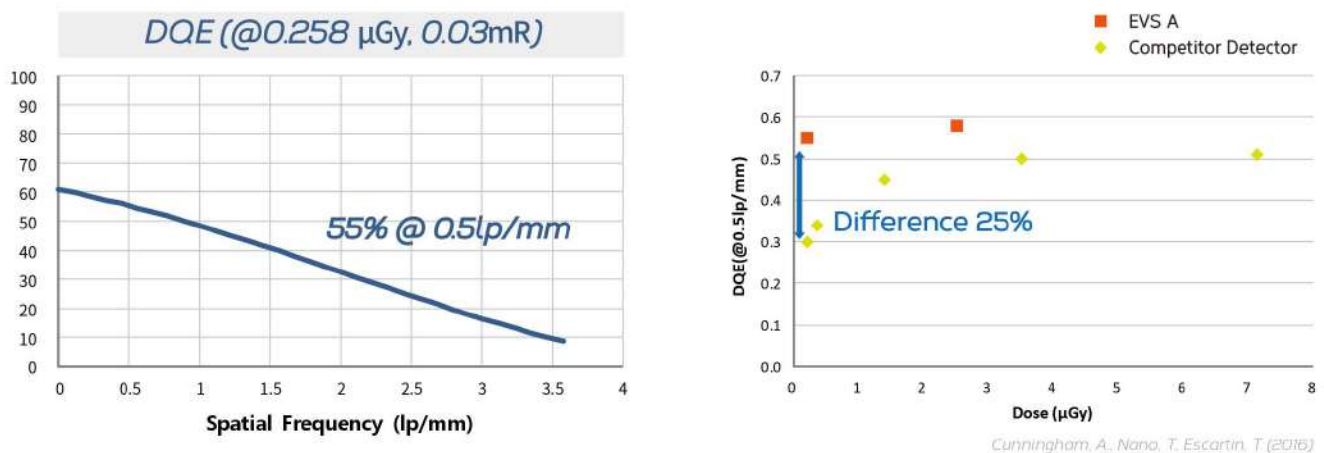
For Higher Level of Diagnostic Imaging

Smarter, Faster and Better Radiography Solution with High Quality Imaging Technology.

High Quality Images with Dose Reduction Technology

High DQE @ Low Dose enabling low dose imaging

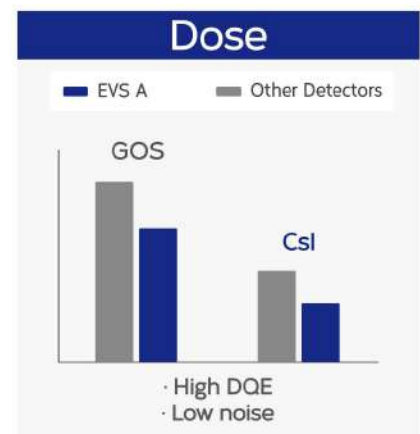
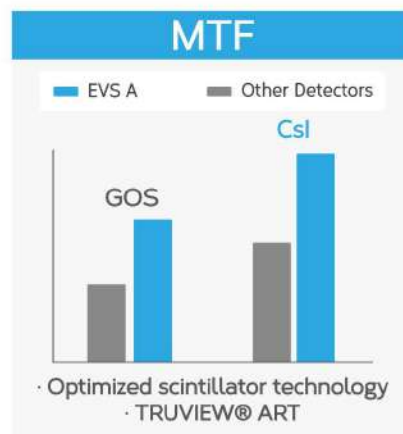
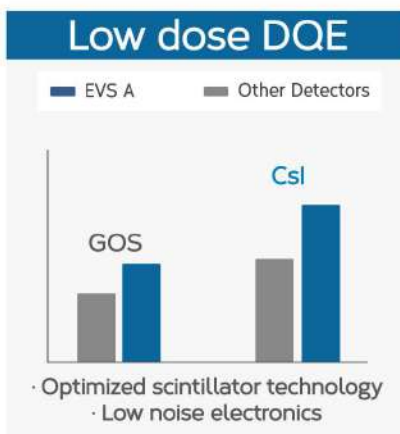
Designed to achieve high DQE at low doses, EVS A/W Series products create an opportunity for dose reduction without compromising image quality by **Extreme Low Noise Technology**.



High Sensitivity, Low noise high quality images @ low dose

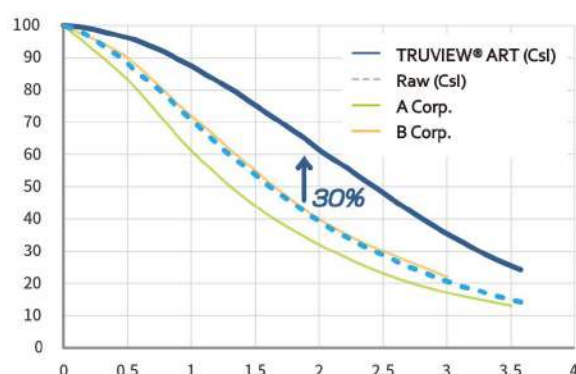
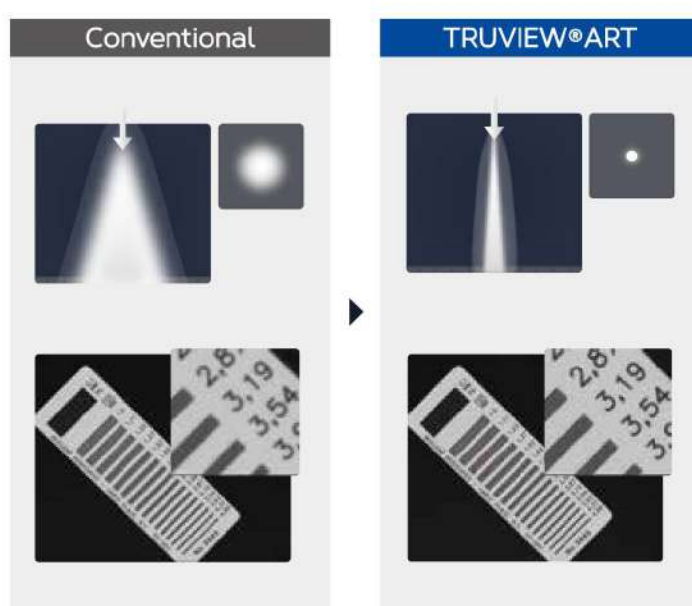
With directly deposited CsI technology and optimized CsI thickness, EVS A/W series X-ray efficiency is increased resulting in high SNR even at low dose conditions.

With low noise electronics, dose reduction is possible as high DQE performance is achieved at lower dose conditions.



TRUVIEW®ART Advanced Image Reconstruction Technology

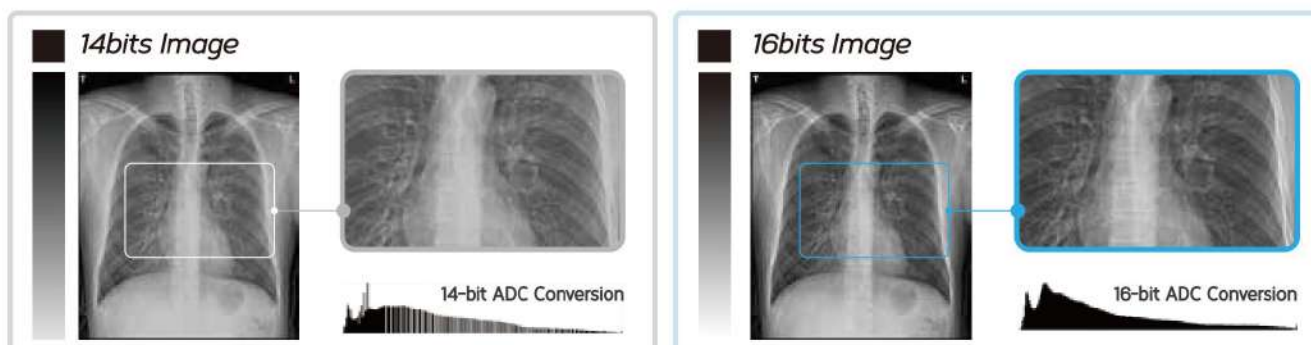
DRTECH's image processing algorithm **TRUVIEW®ART** enhances image quality minimizing the effect of light scattering in an indirect type FPD. TRUVIEW®ART removes the light scatter caused during light output energy conversion to increase overall sharpness of the image.



TRUVIEW®ART increases MTF up to 30%, increasing the possibility of detecting minor lesions and abnormalities.

TRU16 bits : Wide Dynamic Range with full 16-bit ADC conversion

Full display of TRU16 bit expression, providing high contrast detailed images for ultimate diagnostic confidence.



For Smarter and Easier to Use & Minimal Maintenance

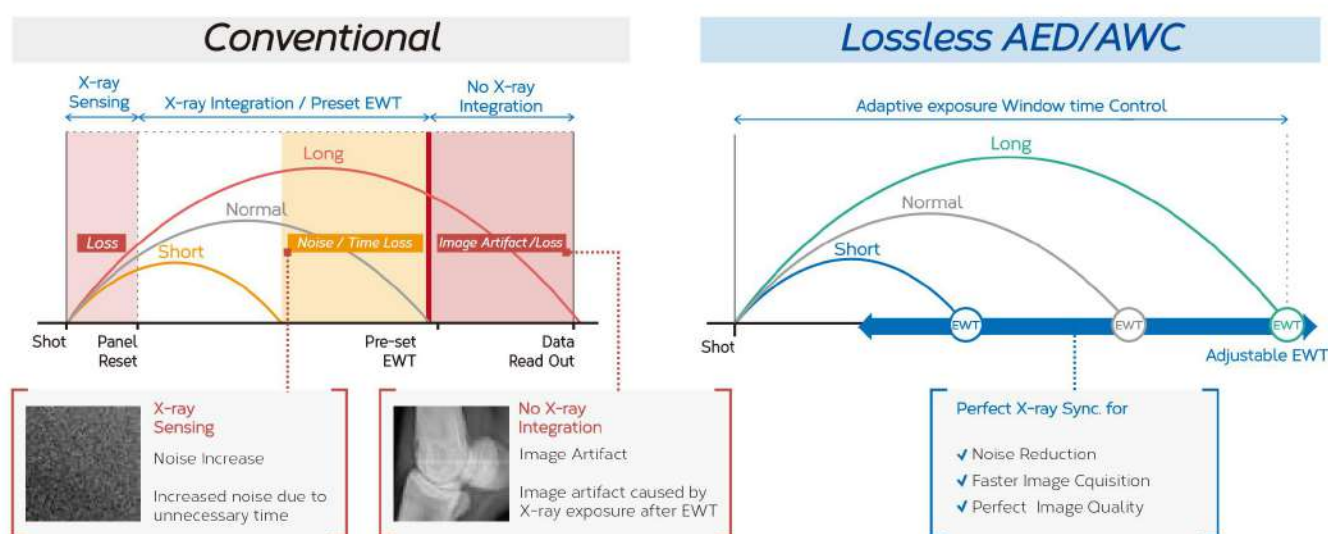
Smart Installation & Easy Maintenance Features for Ultimate Convenience

Smart AED for Perfectly Synchronized X-ray Sensing

Lossless AED/AWC Technology Perfect Auto X-ray Sync.

DRTECH's innovative technology Lossless AED/AWC increases dose efficiency and image quality by detecting X-ray start and finish with perfect precision.

Unlike conventional AED technology which only detects the start of the X-ray, Lossless AED/AWC automatically identifies the end of the X-ray eliminating the need for a preset EWT.



Reliable Lossless AED/AWC technology **reduces failure rates** caused by X-ray sensing errors and eliminates the need for X-ray integration **accelerating the installation time**.

Ultimate DR Solution for Low Dose High Quality Imaging



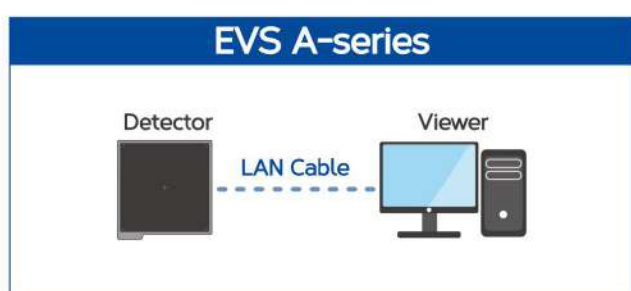
- Maximizing Imaging Quality while Minimizing Dose
- Fast Workflow with Fast Image Acquisition Time
- Stable & Reliable Operation During Product Lifetime
- Excellent System Integration

EVS4343W / EVS4343A

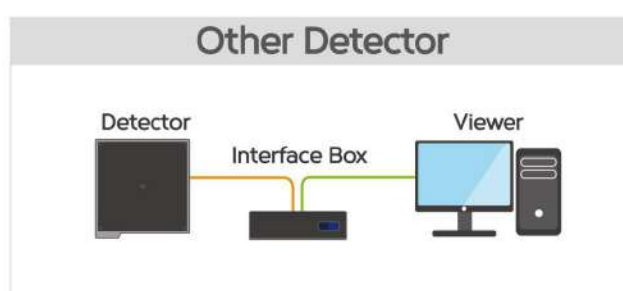
Smart Installation S/W

: Easy detector installation with detector loaded MAP files

Easy installation S/W and 'MAP Inside' feature enables fast and simple initial installation & maintenance for ultimate user convenience. Unlike other detectors, which require 5 steps for detector installation, easy installation SW, the process is shortened into two steps.



- 1) Detector connection with PC using Ethernet
- 2) Run easy installation S/W installer (Finish)



- 1) Connect Detector, Control Box and PC
- 2) Insert CD into PC
- 3) Run the S/W installer
- 4) Copy map files to proper destination
- 5) Run S/W to set the path to map

Smart Diagnosis Function for easy maintenance

Fast and accurate diagnosis is possible with periodical check-up of major H/W performance functions.

- For improvement of service or maintenance action
- Enables regular detector diagnosis to prevent possible H/W failures
- Results notified to service center by email or to customer on UI S/W if an error is detected

