

### AeroDR Auto-Stitching System Specifications

Specifications	Detail
FPD	AeroDR 35cm x 43cm HQ/S
Effective Image Size (after stitching process)	SID=2.4m : Max. 35cm x 120cm (1,996 x 6,836 pixels) SID=2.0m : Max. 35cm x 100cm (1,996 x 5,697 pixels) SID=1.5m : Max. 35cm x 80cm (1,996 x 4,615 pixels)
Power	AC120V, AC220-240V (50Hz/60Hz)
Marker	No markers required. Stitching application displays digital markers on the console screen.
Pixel Size	175 μm
Holding time of patient during an examination	16 seconds or less, from the first exposure to completion of the third exposure.

★Specifications are subject to change without prior notice.



KONICA MINOLTA

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Giving Shape to Ideas

# Easy to Use, Fast and Affordable!

Easy to USE

## AeroDR Auto-Stitching System

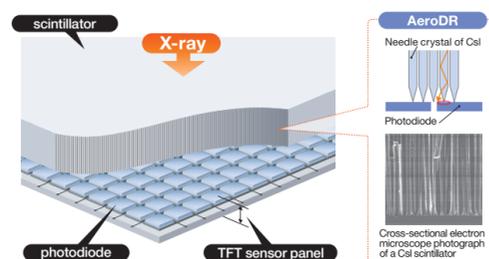
Introducing a unique auto-stitching system with the AeroDR flat panel detector for high image quality and excellent workflow that is applicable to any X-ray system. In general, an existing DR stitching process needs a long patient hold time. With the AeroDR auto-stitching system images can be detected very quickly and accurately by moving a unique collimation mask and the AeroDR flat panel detector.



## High Image Quality and Lower Dose

The optimal combination of the AeroDR detector, using a Konica Minolta CsI scintillator, combined with the newly developed low noise readout circuitry delivers an excellent DQE (Detective Quantum Efficiency). This makes the AeroDR effective in reducing exposure dose.

### ●Schematic cross section of scintillator and TFT-panel.

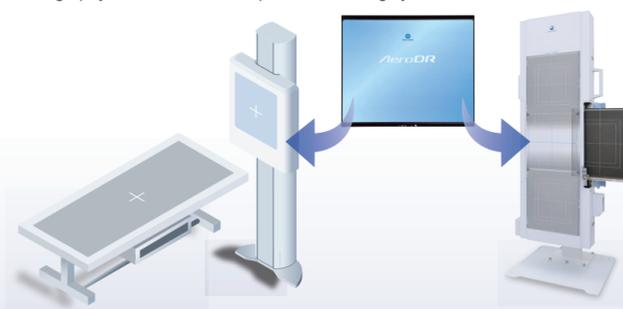


Own CsI

Affordable

## Shared FPD solution

The AeroDR flat panel detector can be shared not only for wireless digital radiography but also for our unique auto-stitching system.

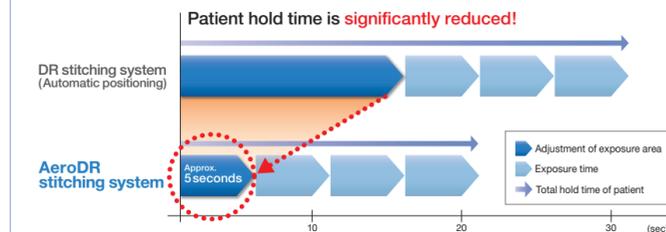


Quick

## Easy Setting the Entire Exposure Range

A moving mask scans light exposure field and detects the upper and lower edge of the field, then the system automatically determines the number of exposures and each position in just 5 seconds which is much shorter than other DR stitching systems (automatic positioning). This unique mask can dramatically reduce patient hold time and significantly improve the radiographer's workflow.

### ●Patient Hold Time



## Stitching process of AeroDR Auto-Stitching System

Exposures are detected by the moving AeroDR flat panel detector during the auto stitching process. The images are sent automatically to the CS-7 console after each exposure. A fully stitched image appears automatically on the CS-7 when all images are completed. The X-ray tube does not move during exposures, ensuring parallax-free stitching.

