



AeroDR 1417 & 1717

Wireless cassette size Detector

Product Highlights

- Wireless CsI detector in cassette size fits into any bucky
- Designed for convenience, ease of use, and easy interfacing
- Superior image quality, immediate image access
- Optimized and fast workflow
- Currently lightest detector with only 9,2 Kg
- Maximum battery charging time is only 30 min
- Integration with image-processing and numerous range of OEM X-ray generators ready
- Different sizes available

Technical Features

- Based on Amorphous Selenium (a-Se) and Amorphous Silicon (a-Si) active matrix
- High DQE (Detective Quantum Efficiency) providing either images with superior quality or the same quality at a lower dose
- Wide imaging area
- 16-bit digital output

Technical Data

Wireless cassette size detector		
Vendor	Konica Minolta	Konica Minolta
Product	AeroDR 1417	AeroDR 1717
Product Picture		
Detection method	Indirect conversion method	Indirect conversion method
Scintillator	CsI (Cesium Iodide)	CsI (Cesium Iodide)
Dimensions (mm)	383,7 x 460,2 x 15,9 mm (14" x 17")	459,8 x 460,2 x 15,9 mm (17" x 17")
Weight	2,9 Kg	3,6 Kg
Pixel size	175 µm	175 µm
Active area	35 cm x 43cm (14" x 17")	43 cm x 43 cm (17" x 17")
Image field	1.994 x 2.430 pixels (4.85 million pixels)	2.428 x 2.428 pixels (5.8 million pixels)
AD Conversion	16 bit (65,536 gradients)	16 bit (65,536 gradients)
Dynamic range	4 digits 1.4 µR – 12mR	4 digits 1.4 µR -12 mR
Cycle time	Approx 9.2 sec wired/ 13.3 sec wireless	Approx 9.9 sec wired/ 15.5 sec wireless

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