

SATURN 8000 1417W

Wireless Portable Flat Panel Detector for Digital Radiography



anytime™

Stable and reliable AED
(Automatic Exposure
Detection)



inside AP™

Fast wireless
communication



High image quality

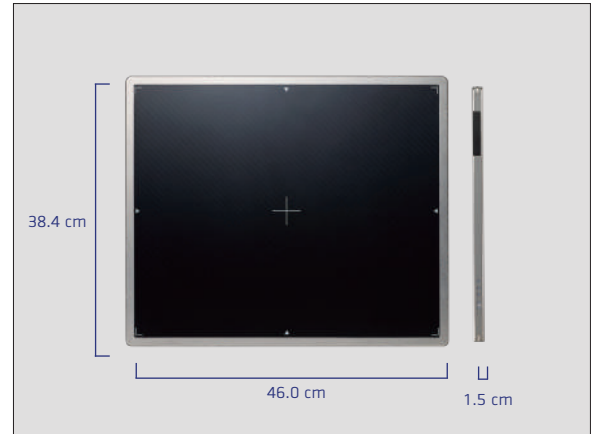


Easy installation
(cassette tray)

Features

- Active area of 14" x 17"
- High spatial resolution with 140um pixel array
- Stable and reliable automatic exposure detection (Anytime™)
- Fast wireless communication by IEEE 802.11n (Inside AP™)
- Viewer software running on Windows™ OS (VXvue™)
- Various applications such as General Radiography, Chiropractic, Orthopedic, Veterinary, Mobile X-ray systems

Drawing



Technical Specifications

Model Name	SATURN 8000 14x17W Csl	SATURN 8000 14x17W Gadox
Technology	a-Si TFT with photodiode	
Scintillator	Csl:TI	Gd ₂ O ₂ S:Tb
Pixel Pitch	140 μm	
Spatial Resolution	3.5 lp/mm	
Pixels	2560 x 3072 pixels	
Image Size	14" x 17" (35.8 cm x 43.0 cm)	
Grayscale	14 bit	
Image Acquisition Time	Wired: 2 s Wireless (preview): 2 s Wireless (high resolution): 4.5 s	
Recommended Cycle Time	15 s	
Data Interface	Gigabit Ethernet IEEE 802.11 a / b / g / n	
X-ray Generator Interface	Line trigger: DR trigger Mode Auto trigger: AED Mode	
Dimensions	38.4 cm x 46.0 cm x 1.5 cm	
Weight	3.4 kg (including battery)	3.3 kg (including battery)
Battery	Lithium Ion 4000 mAh 4 h (Capturing)	
Dust and Water Resistant	IPX3	
X-ray Voltage Range	40 – 150 kVp	
Operating Environment	10°C to 35°C 30 % to 85 % RH (non-condensing)	
Power	DC 24 V, 0.5 A	

* Specifications are subject to change without prior notice.

Office

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FDA Approved  

NMI