SATURN 8000 1417S

Portable Flat Panel Detector for Digital Radiography

anytime™
Stable and reliable AED
(Automatic Exposure
Detection)

140μm
High image quality

EASY
Easy installation
(cassette tray)

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Cost-effective
solution

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SATURN 8000

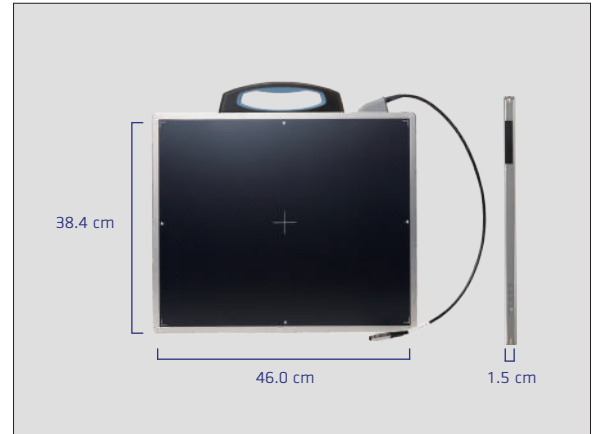## Features

- Active area of 14" x 17"
- High spatial resolution with 140um pixel array
- Stable and reliable automatic exposure detection (Anytime™)
- Viewer software running on Windows™ OS (VXvue™)
- Communication interface through Gigabit Ethernet (1000 BASE-T)
- Simple and easy integration with digital radiography system
- Various applications such as General Radiography, Chiropractic, Orthopedic, Veterinary X-ray systems

Drawing

38.4 cm

46.0 cm

1.5 cm

Technical Specifications

Model Name	Saturn 8000 14 x 17 CsI	Saturn8000 14 x 17 Gadox
Technology	a-Si TFT with photodiode	
Scintillator	CsI:Tl	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	1.2 s	
Recommended Cycle Time	15 s	
Data Interface	Gigabit Ethernet	
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	3.2 kg	3.1 kg
Battery	–	
Dust and Water Resistant	IPX3	
X-ray Voltage Range	40 – 150 kVp	
Operating Environment	10℃ to 35℃ 30 % to 85 % RH (non-condensing)	
Power	DC 24V, 0.5A	

* Specifications are subject to change without prior notice.

NMI