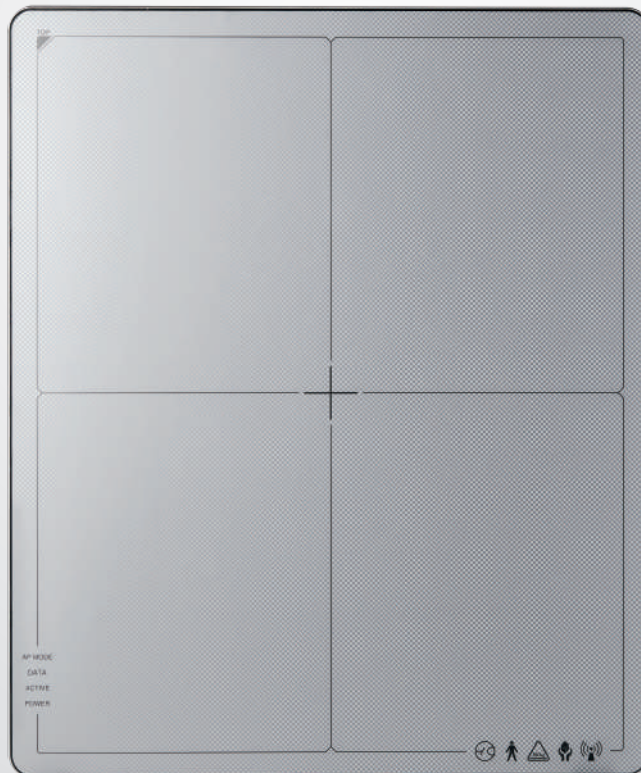


# SATURN 8000 1417N

Portable Flat Panel Detector for Digital Radiography



Stable and reliable AED  
(Automatic Exposure  
Detection)



IEEE 802.11 ac  
with 3 antennas



Extended battery life  
8 hours (capturing)  
16 hours (sleep mode)



IP56  
Water and dust resistant



High image quality



Easy configuration

## Features

- Active area of 14" x 17"
- High spatial resolution with 140um pixel array
- Stable and reliable automatic exposure detection (Anytime™)
- IP56 – Water resistant and dustproof
- Drop from 2.4 ft and 30.000 times torsional reliability
- Support 802.11 ac and 3 powerful high-gain internal antennas
- Double batteries secure 8 hours battery life
- NFC – presave detector settings

## Drawing



## Technical Specifications

Model Name	Saturn 800014x17NW Csl	Saturn 8000 14x17 NW Gadox
Technology	a-Si TFT with photodiode	
Scintillator	CsI:Tl	Gd <sub>2</sub> O <sub>2</sub> 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	16 bit	
Image Acquisition Time	Wired :1.5 s / Wireless: 3 s	
Recommended Cycle Time	10 s	
Data Interface	Gigabit Ethernet IEEE 802.11 a / b / g / n / ac	
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	2.9 kg (including battery)	
Battery	Lithium Ion 3100 mAh x 2 / 8h (Capturing)	
Dust and Water Resistant	IP56	
X-ray Voltage Range	40 – 150 kVp	
Operating Environment	10°C to 35°C 30 % to 85 % RH (non-condensing)	
Power	DC 24V, 1.0A	

\* Specifications are subject to change without prior notice.

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FDA Approved  

# NMI