

# SATURN 8000 1012N

Versatile Portable Flat Panel Detector for Digital Radiography



anytime™

Stable and reliable AED  
(Automatic Exposure  
Detection)



inside AP™

Fast wireless  
communication



High image quality



High mobility with light  
and slim design

## Features

- Active area of 10" x 12"
- High spatial resolution with 124µm 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, Veterinary, Podiatric, Pediatric, Incubator, Equine X-ray systems

## Drawing



## Technical Specifications

Model Name	Saturn 8000 10x12NW Csl	Saturn 8000 10 x12NW Gadox
Technology	a-Si TFT with photodiode	
Scintillator	Csl:TI	GdzO <sub>2</sub> S:Tb
Pixel Pitch	124 µm	
Spatial Resolution	4.0 lp/mm	
Pixels	2048 x 2560 pixels	
Image Size	10" x 12" (25.4 cm x 31.7 cm)	
Grayscale	16 bit	
Image Acquisition Time	Wired: 1.5 s Wireless: 3 s	
Recommended Cycle Time	15 s	
Data Interface	Gigabit Ethernet IEEE 802.11n	
X-ray Generator Interface	Line trigger: DR trigger Mode Auto trigger: AED Mode	
Dimensions	28.7 cm x 35.0 cm x 1.5 cm	
Weight	2.2 kg (including battery)	
Battery	Lithium Ion 3100 mAh 3 h (Capturing)	
Dust and Water Resistant	IP53	
X-ray Voltage Range	40 – 150 kVp	
Operating Environment	10°C to 35°C 30 % to 85 % RH (non-condensing)	
Power	DC 24 V, 0.8 A	

\* Specifications are subject to change without prior notice.

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FDA Approved  