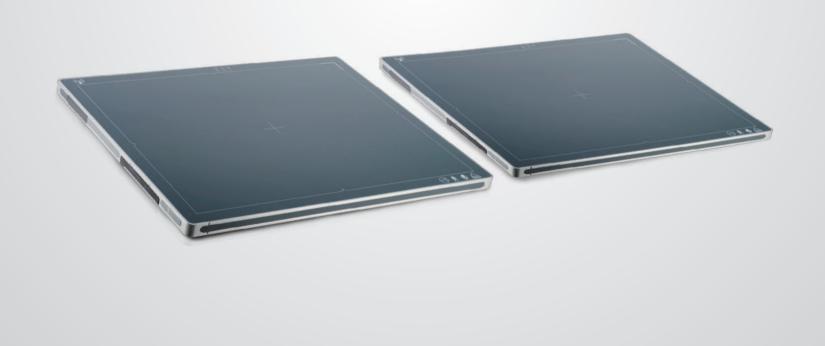
# **SATURN 8000 1012N**

Versatile Portable Flat Panel Detector for Digital Radiography





anytime™

Stable and reliable AED (Automatic Exposure Detection)



Fast wireless communication



High image quality



High mobility with light and slim design

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# **SATURN 8000 1012N**

Versatile Portable Flat Panel Detector for Digital Radiography

## **Features**

- Active area of 10" x 12"
- High spatial resolution with 124um 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	CsI:TI	Gd <sub>2</sub> O <sub>2</sub> S:Tb	
Pixel Pitch	124 μm		
Spatial Resolution	4.0 lp/mm		
Pixels	2048 x 2	2048 x 2560 pixels	
Image Size	10" x 12" (25.4 cm x 31.7 cm)		
Grayscale	16	16 bit	
Image Acquisition Time		Wired: 1.5 s Wireless: 3 s	
Recommended Cycle Time	1	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	28.7 cm x 35.0 cm x 1.5 cm	
Weight	2.2 kg (inclu	2.2 kg (including battery)	
Battery		Lithium Ion 3100 mAh 3 h (Capturing)	
Dust and Water Resistant	IF	IP53	
X-ray Voltage Range	40 - 1	40 – 150 kVp	
Operating Environment		10℃ to 35℃ 30 % to 85 % RH (non-condensing)	
Power	DC 24	DC 24 V, 0.8 A	

<sup>\*</sup> Specifications are subject to change without prior notice.

### Office

#### Factory

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