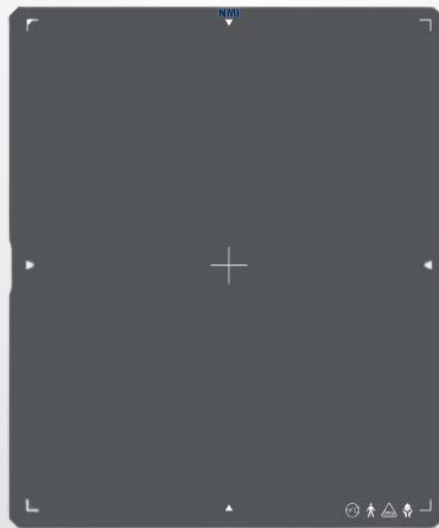
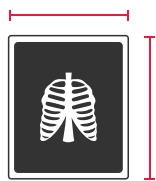


# Saturn 8000 3643FW

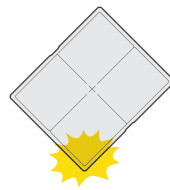
Premium Flat Panel Detector for General Radiography



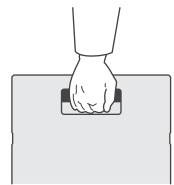
High Image Quality: 99  $\mu\text{m}$



36 cm x 43 cm



Finest Durability



Greater Mobility

## Features

- Glass-free TFT. Active area of 36 cm x 43 cm.
- High spatial resolution with 99  $\mu\text{m}$  pixel array.
- IP67 dust and water resistance.
- Multiple charging with various methods – standard USB-C interface, magnetic tether connector, cradle, battery charger.
- Long lasting battery up to 16 hours of operation.
- NFC card for different x-ray room settings.
- Various applications such as General Radiography, Veterinary, Mobile X-ray systems.
- Advanced algorithm for image enhancement by Photon-understanding AI Solution.

## Drawing



## Technical Specifications

Model Name	FXRD-3643FAW
Technology	a-Si Flexible TFT
Scintillator	CsI
Pixel Pitch	99 $\mu\text{m}$
Spatial Resolution	5.0 lp/mm
Pixel Matrix	3548 x 4316 pixels
Image Size	36 cm x 43 cm
Grayscale	16 bits
Image Acquisition Time	4 s
Recommended Cycle Time	7 s
Data Interface	Gigabit Ethernet IEEE 802.11n / ac
X-ray Generator Interface	DR Trigger Mode / AED Mode / Software Trigger
Dimensions	38.4 cm x 46.0 cm x 1.5 cm
Weight	2.4 kg (1 battery)
	2.6 kg (2 batteries)
Battery	Lithium Ion 3400mAh x 2 16 h (standby) * 3,000 images at a 15-second cycle.
Dust and Water Resistant	IP67
X-ray Voltage Range	40 – 150 kVp
Operating Environment	0°C to 40°C 5 % to 90 % RH (non-condensing)
Power	Normal: Max. 24W Charging: Max. 80W

Manufactured by **VIEWWORKS**

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\* Specifications are subject to change without prior notice.



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