

Wireless flat panel detector **XenOR 35-150WF**

35 x 43 cm [14" x 17"]

The XenOR 35-150WF is a smart 14×17 inch wireless, cassette-sized FPD for radiographic imaging. The detector can be used for both wireless and tethered (optional) operation. It features reliable AED, dependable wireless performance and a long battery life. The XenOR 35-150WF supports a fast workflow, and is the optimal choice for both retrofit and new DR system solutions.

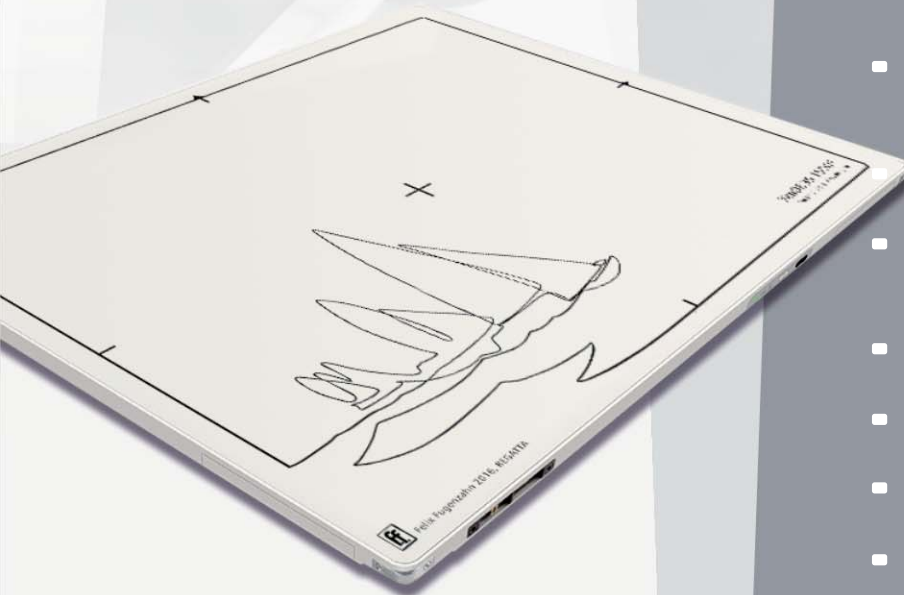


XenOR - The art of digital X-ray imaging

- Due to the automatic synchronisation of detector and generator by means of AED there is no need to modify the X-ray system or adapt the system or the cable connections
- The CsI coating optimises digital signal processing and guarantees outstanding image quality with low radiation dose
- 150 μm pixel pitch, with 16 bit ADC for more image details

Long battery life and smart workflow

- Dual band (2.4 and 5 GHz) wireless support with easy sharing
- Active area: 345.6 mm x 420 mm
- Pixel array: 2304 x 2800 Pixel
- Dimensions (W x H x D): 384 x 460 x 15 mm
- Weight approx. 3.3 kg



Wireless flat panel detector

XenOR 35-150WF

35 x 43 cm [14" x 17"]

Parameter

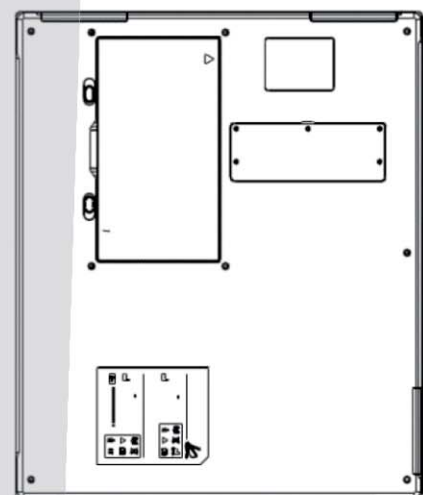
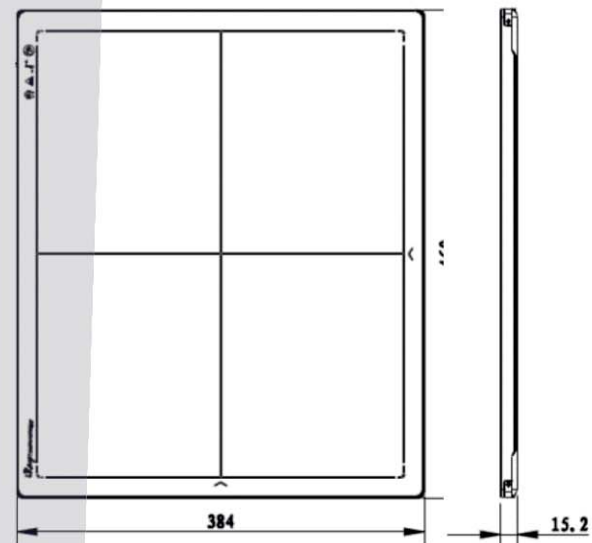
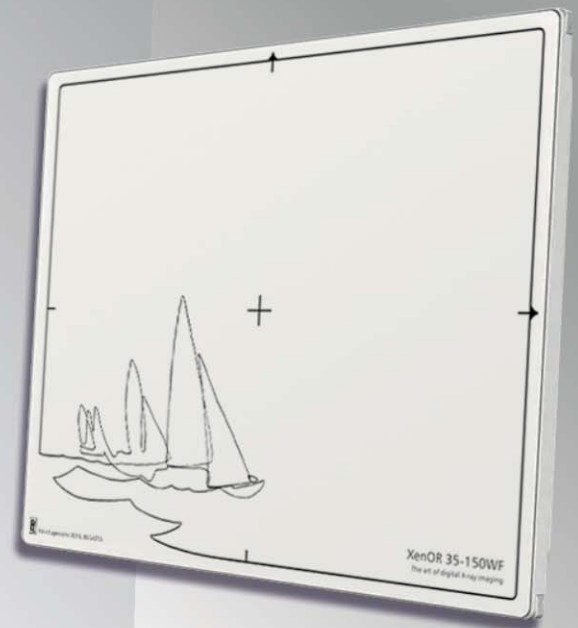
Sensor	
Detector Technology	Amorphous Silicon
Scintillator	CsI
Active Area (inch)	345.6 mm x 420 mm
Image Matrix	2304 x 2800
Pixel Pitch	150 μ m
AD Conversion	16 bit
Data Interface	Ethernet WiFi(802.11ac)

Image Performance	
Typical MTF	86% (0.5 LP/mm), 50% (1.5 LP/mm), 19% (3.0 LP/mm)
Typical DQE (2.5uGy@RQA5)	65% (0.5 LP/mm), 47% (1.5 LP/mm), 22% (3.0 LP/mm)

Workflow	
Trigger Mode	AED (optional) / Software
Preview Image	Typ. 3 s
Full Image Time	Typ. 5 s
Cycle Time	Typ. 8 s

Environmental	
Operating Temperature	5~35 °C
Storage & Transport Temperature with Package	-20~55 °C
Operating Humidity	10%~90%
Storage & Transport Humidity with Package	5%~95%
Operating Atmospheric Pressure	700 mbar~1060 mbar
Storage & Transport Atmospheric Pressure	700 mbar~1060 mbar

Mechanical	
Dimension	384 mm x 460 mm x 15 mm
Weight	ca. 3.3 kg
Battery Capacity	5 h
Drop Height	120 cm
Static Loading	150 kg Uniformly



Please visit www.or-technology.com for more details

Specifications subject to revision without notice

The editor strives to impart correct and up to date information. The provided specifications are based on current knowledge and are subject to revision without notice. This brochure is subject to correction. The editor assumes no responsibility for the information being up to date, correct and complete. All furnished logos, pictures and graphics are property of the particular company and subject to copyright of the licensor. Use, dissemination, distribution or copying of the pictures, logos or text compiled or processed by the editor is subject to our written consent. All rights reserved.

Headquarters: OR Technology (Oehm und Rehbein GmbH), 18057 Rostock, Germany, Neptunallee 7c
 Info-Hotline: +49 381 36 600 600, info@or-technology.com, www.or-technology.com
OR Technology UK: Celtic SMR Ltd., Frederick House, Hayston View, Johnston, Haverfordwest, Pembrokeshire SA62 3AQ, United Kingdom, www.celticsmr.co.uk, sales@celticsmr.co.uk