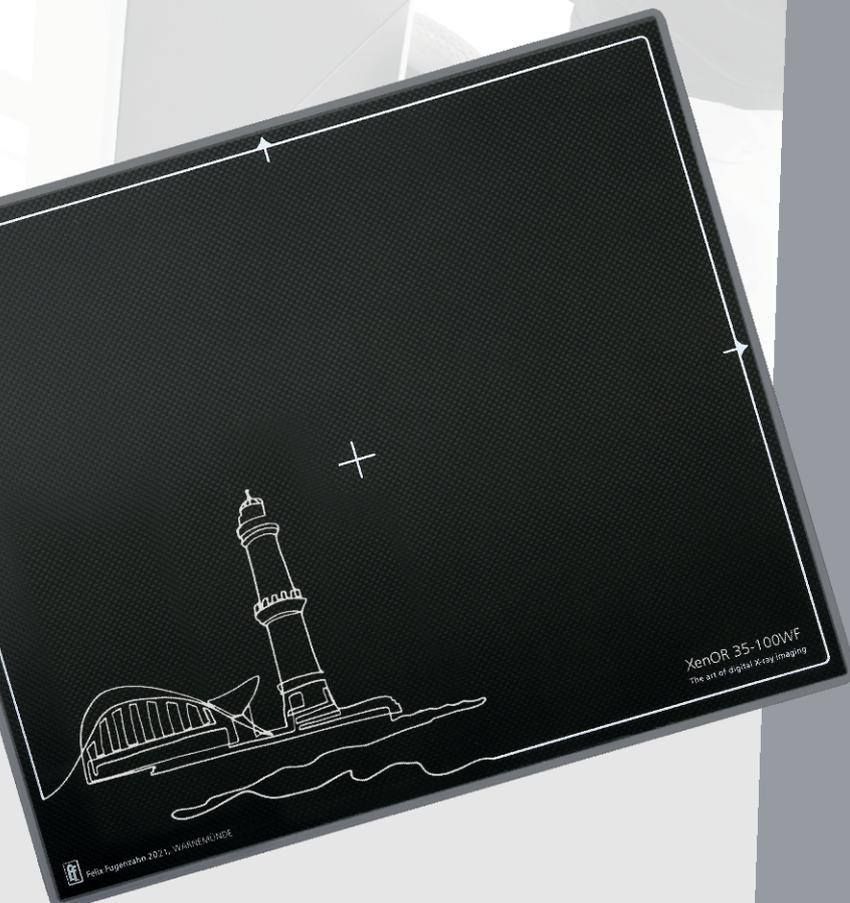




**XenOR** - The art of digital X-ray imaging



# Wireless/tethered flat panel detector **XenOR 35-100WF**

35 x 43 cm [14" x 17"]

The XenOR 35-100WF is a first-class wireless X-ray detector in cassette format and was developed for mobile and stationary radiography. The X-ray detector can be converted to a wired detector in a few simple steps.

It has a pixel density of 100  $\mu\text{m}$  with 16-bit ADC for more image detail. The novel, lightweight housing design complies with IP56 ingress protection. The large-capacity battery with a runtime of more than 8 hours and reliable, low-power automatic exposure detection (AED) are just some of the highlights of this X-ray detector. With its exceptional image quality, the XenOR 35-100WF is an excellent choice for high-end DR systems.

- 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
- Wireless cassette detector per ISO 4090, fits in bucky
- Active area 35.5 x 43.0 cm (14" x 17")
- Pixel pitch 100  $\mu\text{m}$
- Pixel array 3500  $\times$  4300 Pixel
- Dimensions (W x H x D) 460 x 384 x 15 mm
- Weight approx. 3.0 kg

# Wireless/tethered flat panel detector

## XenOR 35-100WF

35 x 43 cm [14" x 17"]

### Parameter

Sensor	
Detector Technology	Amorphous Silicon
Scintillator	CsI
Active Area (inch)	14 × 17 (35.5 × 43.0 cm)
Image Matrix	3500 × 4300
Pixel Pitch	100 μm

Image Quality	
Spatial Resolution	4.3 lp/mm
AD Conversion	16 bit

Workflow	
Battery Autonomy	8.5 h
Battery charging	4 h in charger
WIFI	2.4G and 5G
	IEEE802.11 a/b/g/n/ac
Trigger Mode	AED / Software
Full Image Time	3 s

Environmental	
Operating Temperature	10~35 °C
Storage & Transport Temperature	-20~55 °C
Operating Humidity	5~90 % RH (Non-Condensing)
Storage & Transport Humidity with Package	5~90 % RH (Non-Condensing)

Mechanical	
Dimension	384 x 460 x 15 mm
Weight	ca. 3 kg
Weight capacity	300 kg
Ingress Protection	IP56

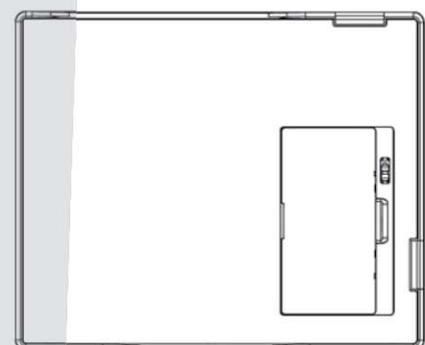
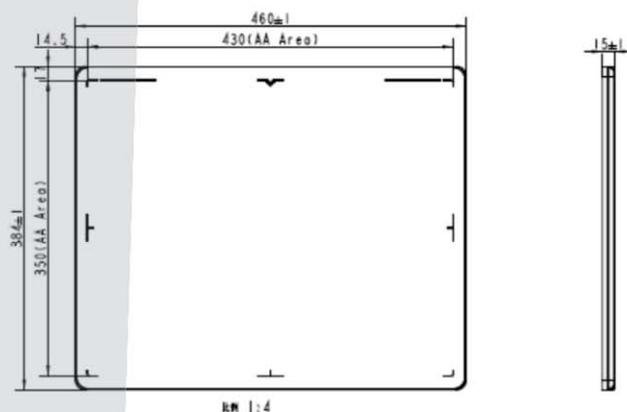
Please visit [www.or-technology.com](http://www.or-technology.com)  
for more details

#### 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.



Battery charger with batteries



**Headquarters:** OR Technology (Oehm und Rehbein GmbH), 18057 Rostock, Germany, Neptunallee 7c  
Info-Hotline: +49 381 36 600 600, [info@or-technology.com](mailto:info@or-technology.com), [www.or-technology.com](http://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](http://www.celticsmr.co.uk), [sales@celticsmr.co.uk](mailto:sales@celticsmr.co.uk)