

Wireless flat panel detector **XenOR 43-100WF**

43 x 43 cm [17" x 17"]

The XenOR 43-100WF is a best-in-class 17×17-inch wireless, cassette-sized flat panel detector for radiographic imaging. Cutting-edge technologies include a novel light-weight housing design with IP56 ingress protection, in-tray battery charging, and reliable, low power automatic exposure detection (AED). With its exceptional image quality the XenOR 43-100WF is an excellent choice for high-end DR systems.

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
- Best-in-class 100 μm pixel pitch with 16-bit ADC for more image details
- Large capacity battery design, with 8 hours battery life
- Active area: 43 x 43 cm (17" x 17")
- Pixel array: 4267 × 4267 Pixel
- Dimensions (W x H x D): 460 x 460 x 15 mm
- Weight approx. 3.4 kg

Wireless flat panel detector

XenOR 43-100WF

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Parameter

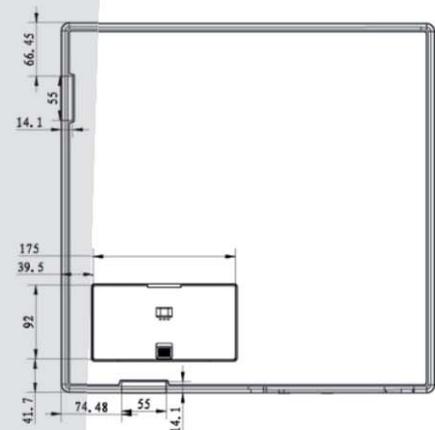
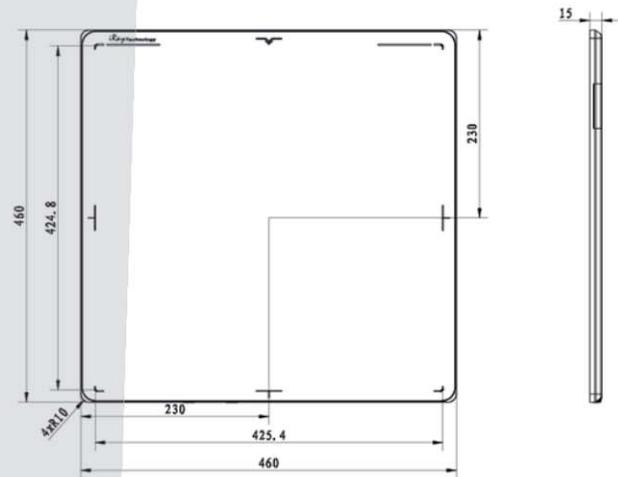
Sensor	
Detector Technology	Amorphous Silicon
Scintillator	CsI
Active Area (inch)	17 × 17
Image Matrix	4267 x 4267
Pixel Pitch	100 μm
AD Conversion	16 bit
Data Interface	2.4G and 5G IEEE802.11 a/b/g/n/ac

Image Performance	
Maximum Linear Dose (uGy)	80 - 100

Workflow	
Trigger Mode	AED (optional) / Software
Pre-image Time	≤ 1 s
Full Image Time	≤ 3 s
Cycle Time	≤ 8 s

Environmental	
Operating Temperature	10~35 °C
Storage & Transport Temperature with Package	-20~55 °C
Operating Humidity	5%~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	460 × 460 × 15 mm
Weight	ca. 3.4 kg
Water Proof	IP56
Drop Height	100 cm @ 3 mm PVC
Static Loading	300 kg Uniformly
Battery Capacity	>7.5 h
Battery Charging	4 h in Charger



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

Specifications subject to revision without notice

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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