



XenOR - The art of digital X-ray imaging

Wireless flat panel detector **XenOR 43-139WF**

43 x 43 cm [17" x 17"]

The XenOR 43-139WF is an intelligent 17×17-inch cassette-sized wireless X-ray detector for radiological imaging. It features a reliable AED, dependable wireless performance and long battery life. A resolution of 139 μm and 16-bit ADC ensure more image detail. The detector supports a fast workflow, and is the optimal choice for both retrofit and new DR system solutions.

- 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

Excellent image quality & more image detail

Active area 43 x 43 cm (17" x 17")

- Pixel pitch 139 μm
- Pixel array 3072 x 3072 Pixel
- Dimensions (W x H x D) 460 x 460 x 15.4 mm
- Weight approx. 4.6 kg



Wireless flat panel detector

XenOR 43-139WF

43 x 43 cm [17" x 17"]

Parameter

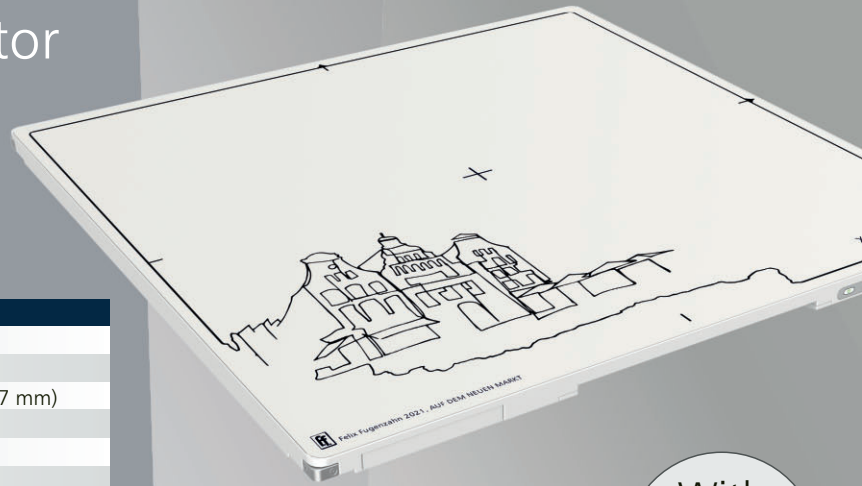
Sensor	
Detector Technology	Amorphous Silicon
Scintillator	CsI
Active Area (inch)	17 × 17 (427 mm x 427 mm)
Image Matrix	3072 x 3072
Pixel Pitch	139 μm
Spatial Resolution	3.6 lp/mm
AD Conversion	16 bit
Data Interface	WiFi (802.11ac)

Image Performance	
Sensitivity (LSB/uGy)	600 - 700
Maximum Linear Dose(uGy)	55 - 65

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	-10~55 °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	460 × 460 × 15.4 mm
Weight	ca. 4.6 kg
Static Loading	150 kg uniformly
Battery Capacity	5 h



With fold-out handle



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

Specifications subject to revision without notice

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