

Flat panel detector **XenOR 43-139F**

43 x 43 cm [17 x 17 Zoll]

XenOR - The art of digital X-ray imaging

With Auto Exposure Detection (AED) detection and a low weight, the cable-connected CsI X-ray detector XenOR 43-139F in cassette format is ready for a wide range of applications in digital radiography. The detector can be used, for example, for retrofitting existing X-ray systems. It has 139 μm resolution and 16-bit ADC for more image detail. It is the optimal choice for a high-end DR system.

- 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. 4.0 kg (without cable)



Flat panel detector

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Parameter

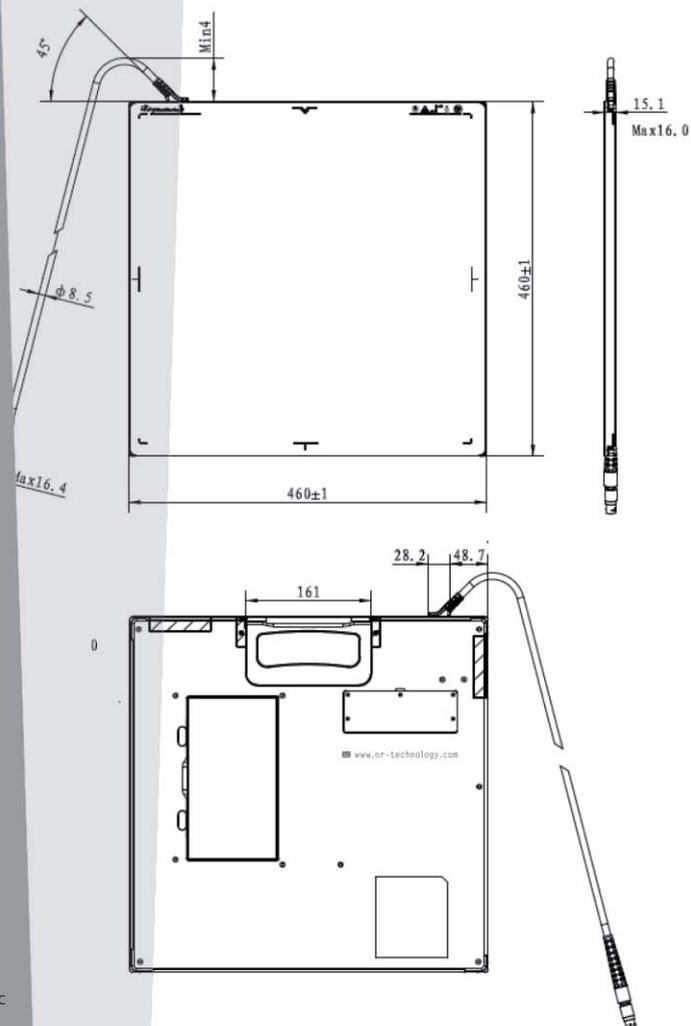
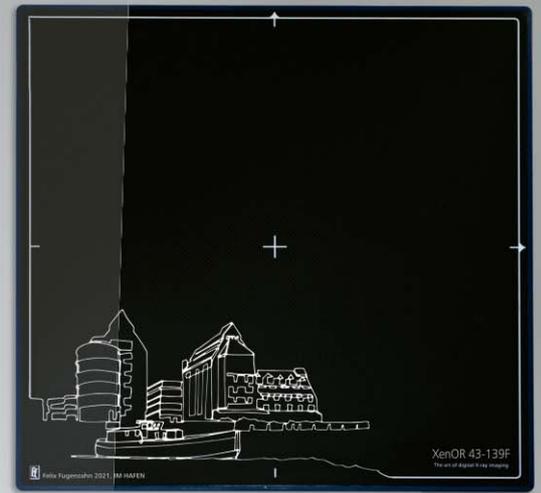
Sensor	
Detector Technology	Amorphous Silicon
Scintillator	CsI
Active Area (inch)	17 × 17 (43.0 x 43.0 cm)
Image Matrix	3072 x 3072
Pixel Pitch	139 μm
Spatial Resolution	3.6 lp/mm
AD Conversion	16 bit
Power Dissipation	30 W
Data Interface	GigE

Image Performance	
Sensitivity(LSB/uGy)	600 - 750
Maximum Linear Dose(uGy)	55-65

Workflow	
Trigger Mode	AED / Software / Prep
Preview Image Time	3 s
Full Image Time	5 s

Environmental	
Operating Temperature	5~35 °C
Storage & Transport Temperature	-10~55 °C

Mechanical	
Dimension	460 × 460 × 15 mm
Weight	ca. 4 kg
Cable	Compound cable: 6M\15M
Weight Capacity	150 kg uniformly



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

Specifications subject to revision without notice

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