

Technical Specifications



Detection method	Indirect conversion, a-Si TFT
Scintillator	CsI
Dimensions (W x H x D)	460 mm x 460 mm x 15.1 mm (18.1" x 18.1" x 0.6")
Weight	4.7 kg (10.4 lbs)
Pixel matrix	3,072 x 3,072 pixel
Pixel pitch	139 µm
Active area	43 cm x 43 cm (17" x 17")
A/D conversion	14 bits
Spatial resolution	min. 4.0 lp/mm
Image transfer time	7 s
Power consumption	max. 16 W
Synchronisation	AED (Automatic Exposure Detection) / external trigger
Housing material	Magnesium aluminum alloy
Weight limit	Local load: 100 kg at Ø 40 mm Uniform load: 100 kg at effective image area overall
Environmental conditions	<p>Operating Temperature: 5 °C to 40 °C (41 °F to 104 °F) Humidity: 20 % to 85 % (non-condensing) Atmospheric pressure: 700 hPa to 1060 hPa</p> <p>Transport / Storage Temperature: -20 °C to 55 °C (-4 °F to 131 °F) Humidity: 5 % to 95 % (non-condensing) Atmospheric pressure: 700 hPa to 1060 hPa</p>
Battery	Type: Lithium Polymer Charging time: 2 hours Working time (with one battery): 4 hours @ 200 images Life: min. 1000 charging cycles
Capture console, consisting of	X-HW More Acquisition Station X-HW More Multitouch Monitor X-AQS Software Software controls detector, image acquisition and optimization, connects dose area product measurement device. Options: 1. X-AQS Modality, 2. DICOM Modality (Send/Store, Worklist), 3. X-AQS PACS
Selectable monitors	X-HW More MultiTouch 21, X-HW More Monitor Eizo EV2450, X-HW Diagnosis Monitor Barco MDNC-2221HE-NIO
Regulatory requirements and standards	CE 2460
Warranty	24-month warranty