

Flat Panel Detector



Product Description

The PaxScan 3024MX is a X-ray flat panel detector designed for full-field digital mammography (FFDM) systems. The 3024MX is available with Gigabit Ethernet interface.

Technical Specifications

Receptor Type Amorphous Silicon Technology		
Conversion Screen		
Pixel Area Tot	tal	
Act	ive 29.7 (h) x 23.2 (v) cm (11.7 x 9.1 inch)	
Pixel Matrix Tot	al 3,584 (h) x 2,816 (v)	
Acti	ve 3,584 (h) x 2,792 (v)	
Pixel Pitch		
Limiting Resolution		
Energy Range Standard		
Scan Method Progressive		
A/D Conversion		
Frame Rate		
Data Output Gigabit Ethernet		
Exposure Control Inputs: Expose-Request		
	Outputs: Expose-OK	

Software

The software release includes ViVA™, a basic application for image acquisition and viewing on an end-user workstation or laptop running Microsoft® Windows™. The developer's software package includes a "Virtual Command Processor" software interface that performs detector calibration, detector set-up, image acquisition, and image corrections. ViVA™ includes file type translators for .viv, .raw, .jpg, and .bmp file formats.

<u>Power</u>

	Power Dissipation	
	Power Supply/Adaptor	
	Mechanical	
	Weight 7.94 lbs ± 0.55 lbs. (3.6 kg ± 0.25 kg)	
	Housing Material Aluminum	
	Sensor Protection Material Carbon fiber plate and aluminum	
<u>Environmental</u>		
	Shock Tolerance 20G (any direction no power applied)	
	Temperature Range - Operating (at back cover) 10°C to 35°C (max.)	

Regulatory

U.S	ANSI/AAMI ES60601-1:2012
Canada	CAN/CSA C22.2 No. 60601-1:14
EU	IEC/EN 60601-1:2012

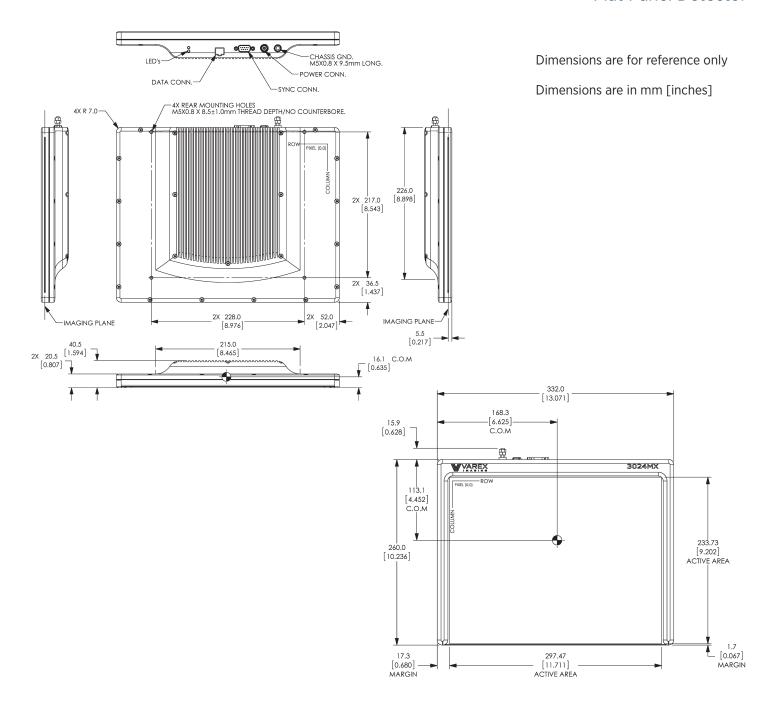
Humidity - Operating & Storage (non-condensing) 10% to 90% Atmospheric Pressure - Operating & Storage 70 kPa to 106 kPa

Storage (Ambient) -20°C to +70°C

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Manufactured by Varex Imaging Corporation

Specifications subject to change without notice.

Note: All Varex Imaging Amorphous Silicon Receptors are designed to be integrated into a complete X-ray system by a qualified system integrator. The system Integrator is responsible for obtaining FDA clearance for medical use.