

Flat Panel Detector



Product Description

The PaxScan® 4030E is a digital X-ray imaging system designed for high-speed radiographic imaging in the field. Based upon the new Gigabit Ethernet interface, images are displayed instantaneously on a user-supplied PC running Varex Imaging ViVA™ application software.



An optional I/O interface box is available with a radiographic exposure handswitch, and USB 2.0 interface for software-based exposure control.

Technical Specifications

Receptor Type Amorphous Silicon		
Conversion Screen		
Pixel Area		. 29.3 x 40.6 cm (11.5 in. x 16.0 in) . 29.1 x 40.5 cm (11.5 in. x 16.0 in)
Pixel Matrix		
Pixel Pitch .		127 μm
Limiting Resolution		
DQE (with DRZ Plus)		
MTF, X-Ray (with DRZ Plus)>45% (1 lp/mm)		
Energy Range		
Fill Factor 57%		
Contrast Ratio Large Area (12 cm): <2% Small Area (1 cm): <10%		
Scan Method Progressive		
A/D Conversion		
Frame Rate		
Data Output Gigabit Etherne		

Software

Varex Imaging ViVA $^{\text{\tiny{IM}}}$ application software for image correction, viewing, image mosaic, and calibration. Includes file type translators for .viv, .raw, .jpg, and .bmp file formats. Windows $^{\text{\tiny{8}}}$ XP compatible.

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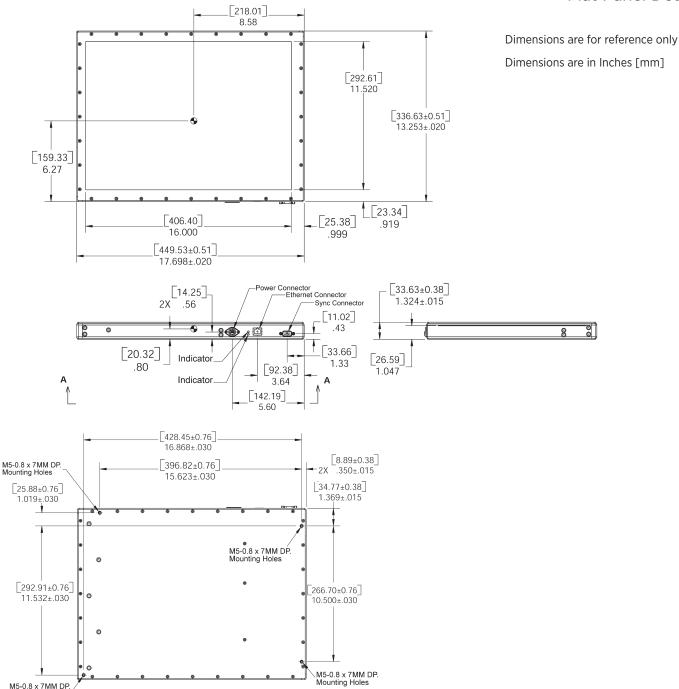
<u>Power</u>
Power Dissipation
Power Supply/Adaptor 100 - 240 VAC, 47 - 63 Hz
Mechanical
Size
Weight
Housing Material Aluminum
Sensor Protection Material Carbon fiber plate (2.5 mm thick) and aluminum
Environmental
Temperature Range - Operating 10°C to 35°C (max.) (Ambient) - Storage20°C to +70°C
Humidity 10 to 90% Storage (non-condensing) 10 to 90%
Regulatory
U.S

Canada CSA 22.2 No.601.1-M90

^{*}PaxScan is a Registered Trademark of Varex Imaging Corporation.



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Salt Lake City, UT Charleston, SC

M5-0.8 x 7MM DP. Mounting Holes

1-801-972-5000 1-843-767-3005

VIEW A-A

www.vareximaging.com

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.