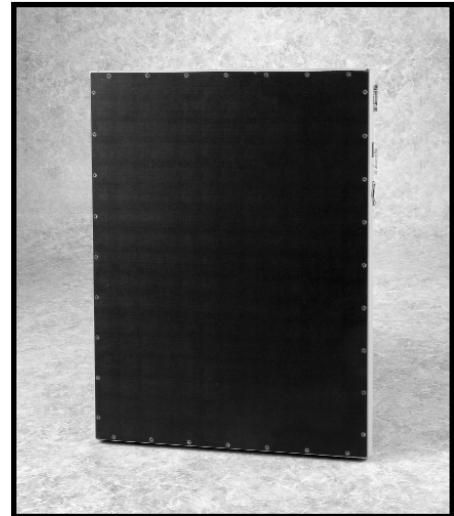
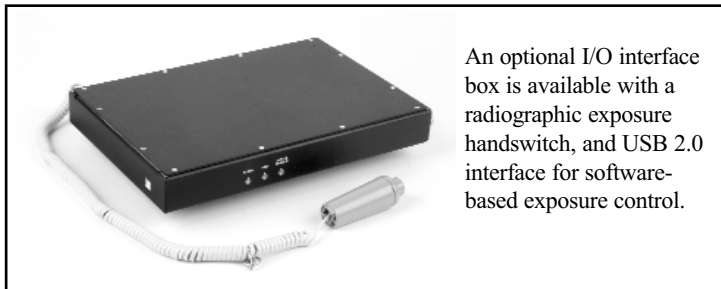


Product Description

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 Varian ViVA™ application software.

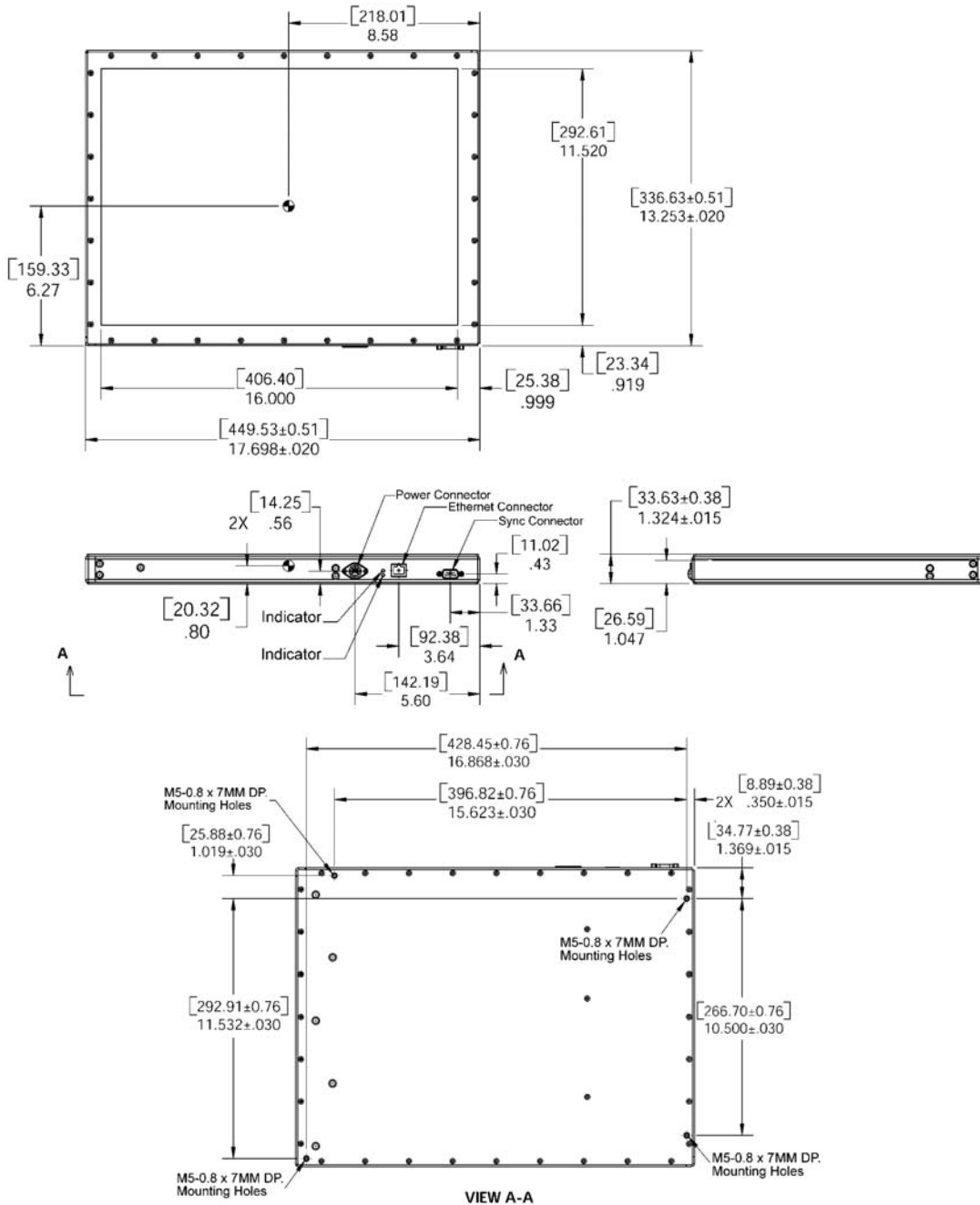


Technical Specifications

Receptor Type	Amorphous Silicon	Software	Varian ViVA™ application software for image correction, viewing, image mosaic, and calibration. Includes file type translators for .viv, .raw, .jpg, and .bmp file formats. Windows® XP compatible.
Conversion Screen	DRZ Plus	Environmental	Temperature Range - Operating 10°C to 35°C (max.) (Ambient) - Storage -20°C to +70°C
Pixel Area	Total 29.3 x 40.6 cm (11.5 in. x 16.0 in) Active 29.1 x 40.5 cm (11.5 in. x 16.0 in)	Humidity	10 to 90%
Pixel Matrix	Total 2,304 (h) x 3,200 (v) Active 2,304 (h) x 3,200 (v)	Storage (non-condensing)	10 to 90%
Pixel Pitch	127 µm	Regulatory	U.S. UL60601-1 Canada CSA 22.2 No.601.1-M90
Limiting Resolution	3.94 lp/mm	Mechanical	Size
DQE (with DRZ Plus)	> 30%		45.0 x 33.7 x 3.4 cm (17.7 x 13.3 x 1.3 in.)
MTF, X-Ray (with DRZ Plus)	>45% (1 lp/mm)	Weight	12.3 kg (27 lb.) approx.
Energy Range	40 - 150 kVp	Housing Material	Aluminum
Fill Factor	57%	Sensor Protection Material	Carbon fiber plate (2.5 mm thick) and aluminum
Contrast Ratio	Large Area (12 cm): <2% Small Area (1 cm): <10%	Power	Power Dissipation
Scan Method	Progressive		35 Watts
A/D Conversion	14-bits	Power Supply/Adaptor	100 - 240 VAC, 47 - 63 Hz
Frame Rate	3.75 fps (1 x 1) 15 fps (2 x 2)		
Data Output	Gigabit Ethernet		

Drawings are for reference only

Dimensions are in inches [mm]



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