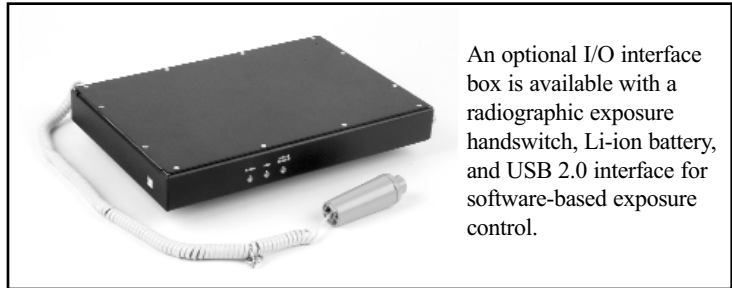


Product Description

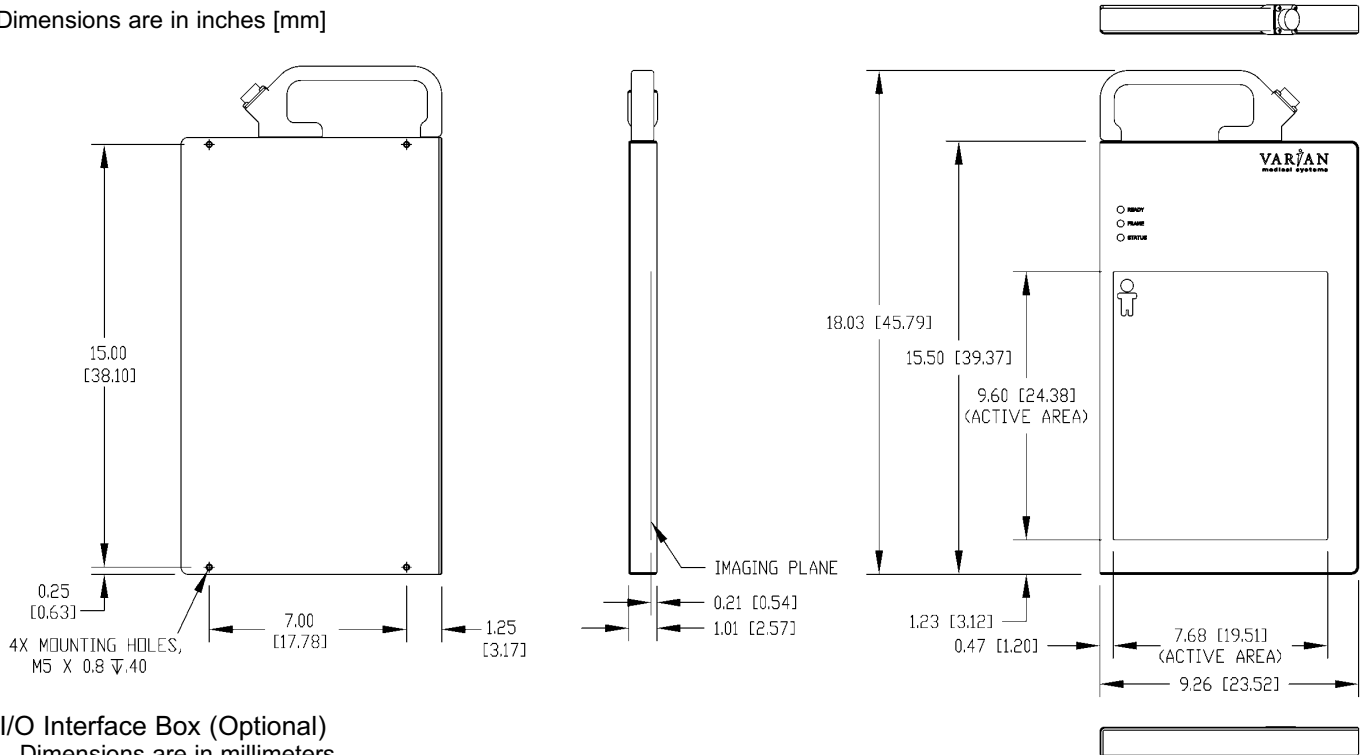
The PaxScan 2520E+ is a ruggedized X-ray imaging sub-system designed for high-speed radiographic imaging in the field. Based upon the new Gigabit Ethernet interface standard, images are displayed instantaneously on a user-supplied workstation or laptop fitted with the appropriate Gigabit controller chipset. The lightweight magnesium housing is shock-resistant.



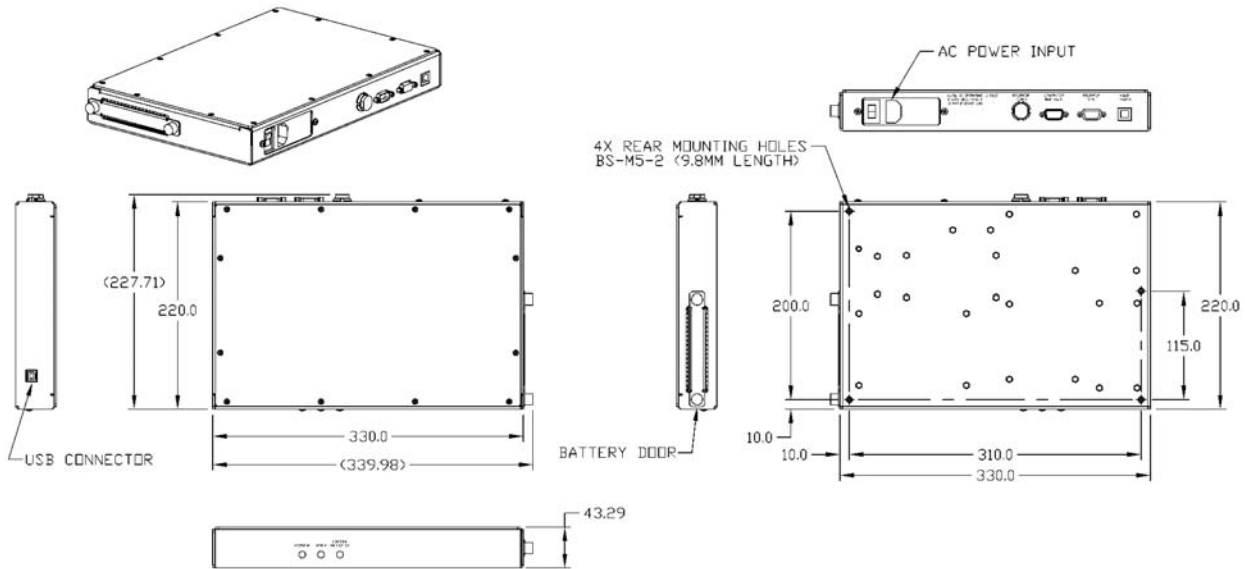
Technical Specifications

Receptor Type	Amorphous Silicon	Software	
Conversion Screen	CsI, DRZ Plus, or Gd ₂ O ₂ S: Tb (Kodak Lanex Screen)	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, receptor set-up, image acquisition, and image corrections. ViVA™ includes file translators for .viv, .raw, .jpg, and .bmp formats. Windows® XP compatible.	
Pixel Area	Total 19.5 x 24.4 cm (7.68 x 9.6 inch) Active 17.9 x 23.8 cm (7.05 x 9.38 inch)	Environmental	
Pixel Matrix	Total 1,536 x 1,920 Active 1,516 x 1,900	Shock High-shock tolerance	
Pixel Pitch	..... 127 μm ²	Temperature Range - Operating 1°C to 35°C (max.) (Ambient) - Storage -20°C to +70°C	
Limiting Resolution	..... 3.94 lp/mm	Humidity - Operating (non-condensing) 10 to 90% Storage (non-condensing) 10 to 90%	
MTF, X-Ray	..... ≥48% 1 lp/mm, Gd ₂ O ₂ S:Tb screen (80 kVp)	Regulatory	
Energy Range	..... 40 - 150 kVp	Classified by Underwriters Laboratories, Inc. to UL 60601-1, IEC 60601-1, CSA 22.2 No. 601.1-M90, and CE.	
Fill Factor	..... 57%	Mechanical	
Image Capture	..... Intel PRO/1000MT Desktop Adaptor (PCI) (Customer supplied)	Size 17.03 x 9.26 x 1.01 inch [43.26 x 23.52 x 2.57 cm]	
Scan Method	..... Progressive	Weight (with cables) 7.3 lbs. (3.3 kg)	
A/D Conversion	..... 14-bits	I/O Interface Box (optional) 5.15 lbs. (2.34 kg)	
Frame Rate	..... 1-10 fps (1 x 1) (Workstation dependent)	Housing Material Magnesium	
Data Output	..... Gigabit Ethernet	Sensor Protection Material Carbon fiber plate (2.5 mm thick) and magnesium	
Laptop/PC Interface	..... Ethernet Port	Power	
Exposure Control	..... USB port on host computer	Power Dissipation 15 watts (cont.) 16 watts (max.)	
		Power Supply/Adaptor +12 VDC	

Drawings are for reference only
Dimensions are in inches [mm]



I/O Interface Box (Optional)
Dimensions are in millimeters



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