PaxScan® 4336W v4 Digital Image Receptor

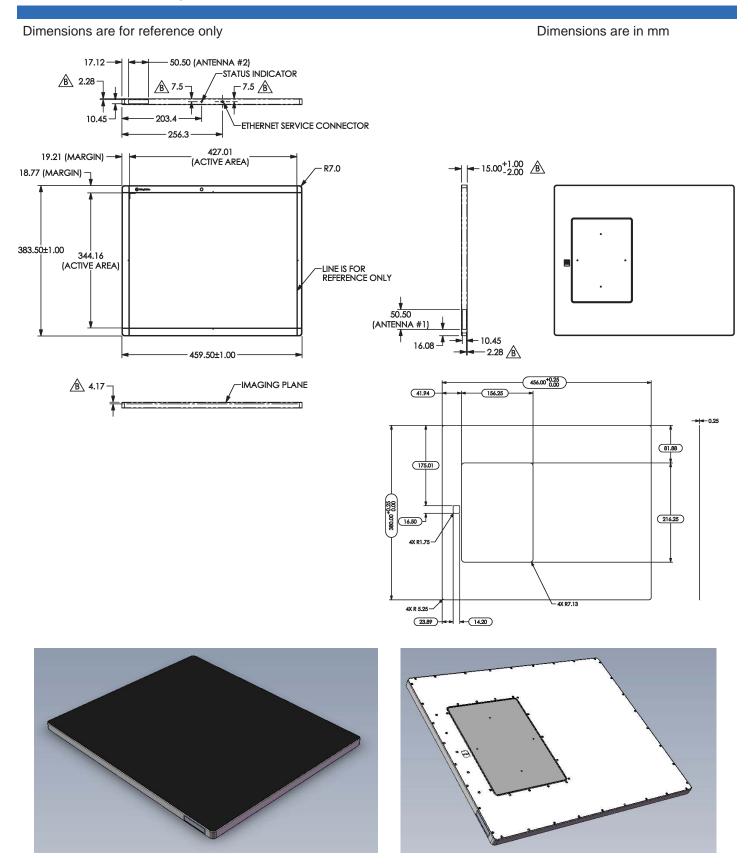
Product Description

The PaxScan 4336W v4 is a light weight, wireless flat panel detector designed for digital radiographic systems. The 4336W v4 fits standard 14"x17" bucky trays and its wireless communication enables easy migration between table, above the table, chest stand, and mobile cart applications. The 4336W v4 works with commercially available Access Points, or as a stand-alone Access Point. The receptor SDK allows for direct integration into existing systems, or add advanced system features by integrating with Varian's Nexus DR software.



<u>Technical Specifications</u>			
Receptor Type Amorphous Silicon with TFT/PIN diode Technology			Software
Conversion Screen			The 4336W v4 embeds the M-series Varian Smart Panel (VSP) software within the receptor. Developers interface with the receptor through VSP COMM which resides on the workstation. The integrator experience is simplified through the new M-series software interface. An onboard Control Panel is used to manage receptor settings and configuration. The
Pixel Area Total			
Active (DRZ+)		3,052 (v) x 2,456 (h)	ViVA TM sample imaging application is included. VSP COMM is Windows® 7 (64 bit) or Windows 8.1 (64-bit) compatible.
Pixel Pitch			Environmental Shock High-shock tolerance
Limiting Resolution		3.6 lp/mm	Water Resistant IP51 (horizontal, face up)
Image Quality DQE @ 0 lp/mm DQE @ 1 lp/mm	GADOX (typical) 39% 28%	CSI (typical) 70% 44%	Temperature Range - Operating (at back cover) 10°C to 35°C (max.) (Ambient) - Storage20°C to +70°C
DQE @ 2 lp/mm DQE @ 3 lp/mm	17% 7%	38% 26%	Humidity - Operating (non-condensing)
DQE @ Nyquist MTF @ 1 lp/mm MTF @ 2 lp/mm	4% 56% 24%	15% 57% 27%	Atmospheric Pressure - Operating
MTF @ 3 lp/mm MTF @ Nyquist Sensitivity Pixel Noise (1000ms) Memory Effect	10% 6% 0.54 LSB/nGy 9.2 LSB 0.001 (@ 60sec)	13% 10% 0.55 LSB/nGy 8.7 LSB 0.004 (@.60sec)	Regulatory U.S. UL 60601-1 Canada CSA 22.2 No. 601.1-M90 Electromagnetic Capability IEC 60601-1-2
Main Functionalities Cycle Time @ 550ms		7 sec (MSR2, RCT)	Mechanical Weight (values are typical) (includes battery) DRZ+ - $3.6 \text{ kg} \pm 0.25 \text{ kg}$ CsI - $3.8 \text{ kg} \pm 0.25 \text{ kg}$
(X-ray Window) X-ray window	350-3500 ms	350-3500 ms	Housing Material Aluminum/Magnesium
Dose Range	DRZ+	CsI	Sensor Protection Material
Maximim Linear Dose NED	100 μGy 0.65 μGy	69 μGy 0.4 μGy	Power Consumption
Energy Range Standard Fill Factor		•	Acquisition - 7.8 watts Image Transfer - 10.2 watts
Scan Method			Wireless
Data Output		Wireless	Computer Requirements
A/D Conversion		16-bits	RAM
Exposure Control Inputs:			CPU
Minimum Signal Strength Required>-80 dBm or no image will be acquired			Lithium polymer smart battery prevents over charging Charge capability
[®] PaxScan is a Registered Trademarks of Varian Medical Systems			Expected Life
			Weight (approximately) 0.66 lbs (.3 kg)

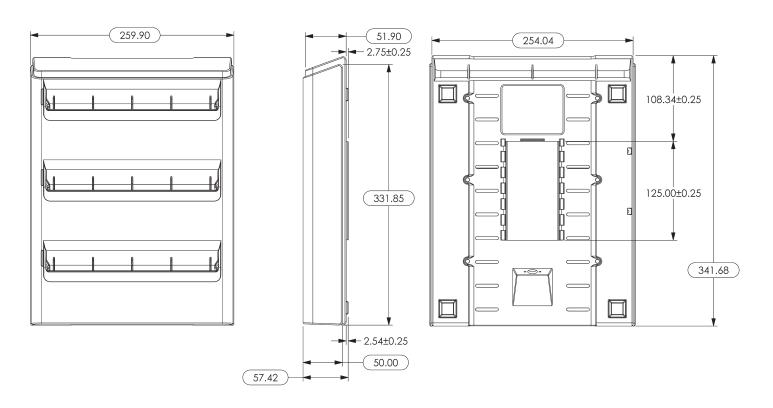




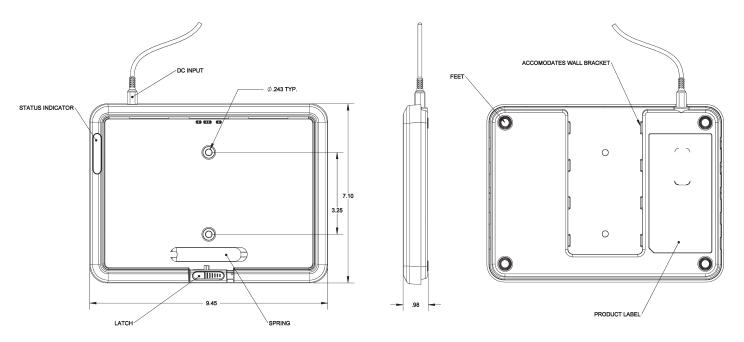
Copyright © 2015, Varian Medical Systems. All Rights Reserved.



Battery Charger (Optional)



Single Bay Charger (Optional)



Copyright © 2015, Varian Medical Systems. All Rights Reserved.



NOTE: All Varian Amorphous Silicon Image 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.



1678 South Pioneer Road Salt Lake City, Utah 84104 Phone: 801-972-5000 Fax: 801-973-5050



Varian Proprietary & Confidential Information. Use is prohibited without Varian's express written consent.