**Product Description**

The PaxScan 4336W v4 is a lightweight, 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.

**Technical Specifications**

Receptor Type: Amorphous Silicon with TFT/PIN diode Technology

**Pixel Area**
- Total: 42.7 (v) x 34.4 (h) cm (16.8 x 13.5”)
- Active (DRZ+): 42.4 (v) x 34.1 (h) cm (16.7 x 13.4”)
- Active (CsI): 42.4 (v) x 33.9 (h) cm (16.6 x 13.3”)

**Pixel Matrix**
- Total: 3,072 (v) x 2,476 (h)
- Active (DRZ+): 3,052 (v) x 2,456 (h)
- Active (CsI): 3,032 (v) x 2,436 (h)

**Limiting Resolution**: 3.6 lp/mm

**Dose Range**
- X-ray Window: 350-3500 ms
- Cycle Time: 7 sec (MSR2, RCT)
- Minimum Signal Strength Required: > -70 dBm

**Image Quality**
- DQE @ 0 lp/mm: 39% (GADOX), 70% (CsI)
- DQE @ 1 lp/mm: 28% (GADOX), 44% (CsI)
- DQE @ 2 lp/mm: 17% (GADOX), 38% (CsI)
- DQE @ 3 lp/mm: 7% (GADOX), 26% (CsI)
- DQE @ Nyquist: 4% (GADOX), 15% (CsI)
- MTF @ 1 lp/mm: 56% (GADOX), 57% (CsI)
- MTF @ 2 lp/mm: 24% (GADOX), 27% (CsI)
- MTF @ 3 lp/mm: 10% (GADOX), 13% (CsI)
- MTF @ Nyquist: 6% (GADOX), 10% (CsI)

**Sensitivity**
- 0.54 LSB/nGy (GADOX), 0.82 LSB/nGy (CsI)

**Pixel Noise**
- Pixel Noise (1000ms): 9.2 LSB (GADOX), 8.7 LSB (CsI)

**Memory Effect**
- 0.001 (@ 60sec) (GADOX), 0.004 (@ 60sec) (CsI)

**DQE @ Nyquist**
- 4% (GADOX), 15% (CsI)
- DQE @ 3 lp/mm
- DQE @ 2 lp/mm
- DQE @ 0 lp/mm

**Image Quality (typical)**
- GADOX: 39%
- CsI: 70%

**Patient Contact**

**Surface Temperature**: rated to not exceed 42 degrees C

**Weight Limit**
- Uniform load across entire carbon fiber surface: 150 kg
- Concentrated 40mm diameter load at the center of the imager: 100 kg

**Software**

The 4336W v4 embeds the M-series Varex Imaging 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 VIVA™ sample imaging application is included. VSP COMM is Windows® 7 (64-bit), Windows 8.1 (64-bit) and Window® 10 compatible.

**Computer Requirements**

- RAM: 2.00 GB
- CPU: 1 GHz or faster processor (32-bit or 64-bit)
- Power Consumption: Idle - 3.3 watts
- Image Transfer - 10.2 watts
- Acquisition - 7.8 watts

**Wireless**

Wireless Modes STA or AP: 802.11 a/g/n/ac, 2x2 MIMO

**Minimum Signal Strength Required**: > -70 dBm

**Battery**

- Lithium polymer smart battery prevents over charging
- Charge capability: 1000 images over 6 hrs
- Expected Life: 300 cycles of charge/discharge

**Environmental**

- Shock: High-shock tolerance
- Water Resistant: IPS5 (horizontal, face up)
- Temperature Range - Operating (at back cover): 10°C to 35°C (max.)
- Humidity - Operating (non-condensing): 10% to 90%
- Atmospheric Pressure - Operating & Storage: 70 kPa to 106 kPa

**Regulatory**

- Canada: CAN/CSA C22.2 No. 60601-1-14
- EU: IEC/EN 60601-1:2012

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Dimensions are for reference only

Dimensions are in mm
Battery Charger (Optional)

Weight - 1.33 kg (nominal)

Single Bay Charger (Optional)

Weight - 0.3 kg (nominal)

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.