**Technical Specifications**

**Receptor Type**
- Amorphous Silicon with Charge Well Pixel™ Technology

**Conversion Screen**
- Direct Deposit CsI, Detached CsI, DRZ Plus

**Pixel Area**
- Total: 42.7 (h) x 42.7 (v) cm (16.8 x 16.8 inch)
- Active: 42.4 (h) x 42.4 (v) cm (16.7 x 16.7 inch)

**Pixel Matrix**
- Total: 3,072 (h) x 3,072 (v)
- Active: 3,052 (h) x 3,052 (v)

**Pixel Pitch**
- 139 μm

**Limiting Resolution**
- 3.6 lp/mm

**DQE (0) (RQA5)**
- 70% ±5%

**Energy Range**
- Standard: 40 - 150 kVp

**Fill Factor**
- 100%

**Scan Method**
- Progressive

**Data Output**
- Gigabit Ethernet

**A/D Conversion**
- 14-bits

**Cycle Time**
- Minimum: 6 sec.
- Standard: 8 sec.

**Workstation Interface**
- Ethernet Port

**Exposure Control**
- Inputs: Expose-Request
- Outputs: Expose-OK

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**Software**

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, detector set-up, image acquisition, and image corrections. ViVA™ includes file type translators for .viv, .raw, .jpg, and .bmp file formats. Windows® XP and Windows® 7 (32 bit) compatible.

**Computer Requirements**

- RAM: 2.00 GB
- CPU: Pentium dual core running @ 2.0 GHz or equivalent

**Mechanical**

- Weight: 16.5 lbs. (7.5 kg)
- Housing Material: Aluminum
- Sensor Protection Material: Carbon fiber plate and aluminum

**Power**

- Power Dissipation: 40 watts (cont.)
- 42 watts (max.)
- Power Supply/Adaptor: 90-240 VAC, 47-63 Hz

**Environmental**

- Shock: High-shock tolerance
- Temperature Range
  - Operating: -10°C to 35°C (max.)
  - Storage: -20°C to +70°C
- Humidity
  - Operating & Storage (non-condensing): 10% to 90%
- Atmospheric Pressure
  - Operating & Storage: 70 kPa to 106 kPa

**Regulatory**

- U.S.: ANSI/AAMI ES60601-1:2005
- Canada: CAN/CSA C22.2 No. 60601-1:08
- EU: IEC/EN 60601-1:2005

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*PaxScan® is a Registered Trademark of Varex Imaging Corporation*
Dimensions are for reference only
Dimensions are in mm [inches]

1 Denotes Approximate Center of Gravity
2 I/O Recess Dimension
3 4343R Glass Active Area Dimension
4 Top Surface of Active Area
5 Power Connector
6 Synch Connector (D-Sub9)
7 Ethernet Connector (RJ-45)
8 Led Indicator
9 Led Indicator
10 M5-0.8 x 7MM DP. Threaded Holes
11 M3-0.5 x 5MM DP. Threaded Holes
12 M5 x 0.8 Blind PEM Fastener Ground Lug
13 Coordinate Icon Represents Image Top Left, Pixel (0.0)