





PaxScan 1308DX imagers provide industry leading CBCT and Panoramic image quality for mid-size dental applications. Varex Imaging's amorphous silicon based detectors are the gold standard for CBCT in medical, dental and industrial applications.

Amorphous silicon brings key advantages unmatched by other technologies, including:

- radiation hardness > 1MRad
- widest input energy range
- immunity from single photon events in the substrate
- excellent low dose performance
- proven 3-D soft-tissue capability

Varex Imaging's extensive dental product line allows the OEM to easily integrate multiple panel sizes. The Virtual CP software interface is common across all the panels and the entire product line is offered with Gigabit Ethernet. The 1308DX field of view (FOV) can be located center, left or right justified within the area of the 1313DX FOV.

## **Technical Specifications**

| Receptor Type Amorphous Silicon                         |
|---|
| Conversion Screen Direct Deposit CsI, DRZ Plus          |
| Pixel Area Total 13.0 x 8.13 cm (5.12 x 3.2 in.)        |
| Pixel Matrix Total                                      |
| Pixel Pitch   |
| Limiting Resolution                                     |
| MTF, X-Ray  |
| Energy Range  |
| Fill Factor   |
| Image Capture Pleora Gigabit                            |
| Scan Method Progressive                                 |
| A/D Conversion  |
| Frame Rate (Workstation dependent)                      |
| Data Output   |
| Exposure Control Opto Coupled, External Sync, Expose OK |

#### Software

The software release includes ViVA $^{\text{IM}}$ , a basic application for image acquisition and viewing on an end-user workstation running Microsoft $^{\text{S}}$  Windows $^{\text{IM}}$ . 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 $^{\text{IM}}$  includes file type translators for .viv, .raw, .jpg, and .bmp file formats.

Power Dissipation .......... 12 Watts (nominal power consumption)

### **Power**

| 11 to 35V input range, 15V typical  |
|---|
| Power Supply/Mains  |
| <u>Mechanical</u>   |
| Weight  |
| Housing Material Aluminum   |
| Sensor Protection Material Carbon fiber plate (2.5 mm thick) and aluminum |
| <b>Environmental</b>  |
| Temperature Range - Operating   |
| Humidity - Operating & Storage (non-condensing) 10% to 90%                |
| Atmospheric Pressure - Operating & Storage 70 kPa to 106 kPa              |
| Regulatory  |
| U.S   |
| Canada  |
| EU IEC/EN 60601-1:2005  |

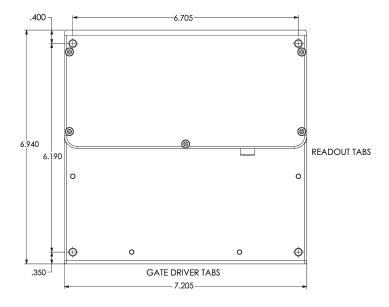
<sup>&</sup>lt;sup>®</sup>PaxScan is a Registered Trademark of Varex Imaging Corporation

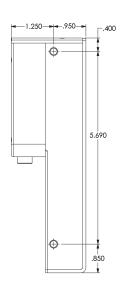


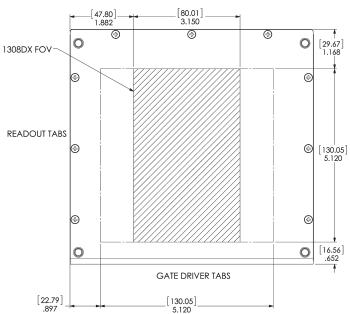
## Flat Panel Detector

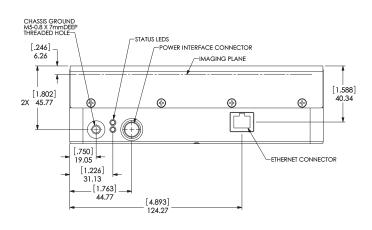
## Dimensions are for reference only

# Dimensions are in mm











Salt Lake City, UT Charleston, SC 1-801-972-5000 1-843-767-3005

www.vareximaging.com

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.