



Product Description

The PaxScan® 4030E is a digital X-ray imaging system designed for high-speed radiographic imaging in the field. Based upon the new Gigabit Ethernet interface, images are displayed instantaneously on a user-supplied PC running Varex Imaging ViVA™ application software.



An optional I/O interface box is available with a radiographic exposure handswitch, and USB 2.0 interface for software-based exposure control.

Technical Specifications

Receptor Type	Amorphous Silicon
Conversion Screen	DRZ Plus
Pixel Area	Total 29.3 x 40.6 cm (11.5 in. x 16.0 in) Active 29.1 x 40.5 cm (11.5 in. x 16.0 in)
Pixel Matrix	Total 2,304 (h) x 3,200 (v) Active 2,304 (h) x 3,200 (v)
Pixel Pitch	127 µm
Limiting Resolution	3.94 lp/mm
DQE (with DRZ Plus)	> 30%
MTF, X-Ray (with DRZ Plus)	>45% (1 lp/mm)
Energy Range	40 - 150 kVp
Fill Factor	57%
Contrast Ratio	Large Area (12 cm): <2% Small Area (1 cm): <10%
Scan Method	Progressive
A/D Conversion	14-bits
Frame Rate	3 fps (1 x 1) 7 fps (2 x 2)
Data Output	Gigabit Ethernet

Software

Varex Imaging ViVA™ application software for image correction, viewing, image mosaic, and calibration. Includes file type translators for .viv, .raw, .jpg, and .bmp file formats. Windows® XP compatible.

Power

Power Dissipation	35 Watts
Power Supply/Adaptor	100 - 240 VAC, 47 - 63 Hz

Mechanical

Size	45.0 x 33.7 x 3.4 cm (17.7 x 13.3 x 1.3 in.)
Weight	12.3 kg (27 lb.) approx.
Housing Material	Aluminum
Sensor Protection Material	Carbon fiber plate (2.5 mm thick) and aluminum

Environmental

Temperature Range - Operating	10°C to 35°C (max.)
(Ambient) - Storage	-20°C to +70°C
Humidity	10 to 90%
Storage (non-condensing)	10 to 90%

Regulatory

U.S.	UL60601-1
Canada	CSA 22.2 No.601.1-M90

*PaxScan is a Registered Trademark of Varex Imaging Corporation.

Dimensions are for reference only

Dimensions are in Inches [mm]

