SCANSILC 2520e

High Definition Portable X-ray System

Compact High Resolution, a-Si Flat Panel X-ray Imager

The Scansilc 2520E is a high performance portable x-ray system,using an advanced ruggedised amorphous silicon(aSi) panel with a standard format 8 x 10" imaging area, 14 bit dynamic range and 127 micron pixel pitch.

The flat panel design provides a compact backpackable x-ray solution and allows the operator to get the imager into very confined spaces. Scansilc 2520E utilises the well tried and tested Scanview EOD x-ray triggering and imaging software and is suitable for users requiring a high end x-ray screening solution with hi definition images in the fields of security and NDT. Images and regions of interest within an image can manipulated using ScanView's powerful enhancement software and stored within a searchable database for evidential purposes

All components of the system - laptop, 2520E imaging panel, cables and x-ray source fit into a single rugged weatherproof case which also acts as a workstation.

X-ray Imaging Panel Technical Specifications

Receptor Type	Amorphous Silicon
Conversion Screen	DRZ Plus
Pixel Area Total	19.5 x 24.4 cm (7.68 x 9.6")
Active	17.9 x 23.8 cm (7.05 x 9.38")
Pixel Pitch .	127 um 2
Limiting Resolution	3.94 lp/mm
Scan Method	Progressive
A/D Conversion	14 bits
Frame Rate	3.75 fps (1x1)
	15 fps (2 x 2)
Data Output	Gigabit Ethernet

Software Proprietary Scanview EOD triggering and imaging software

Environmental

Temperature Range Operating 10° C to 35° C (max)

Ambient – Storage -20° C to $+70^{\circ}$ C

Mechanical

Size	43.26 x 23.52 x 2.57 cm (17.03 x 9.26 x 1.01")
Housing Material	Aluminum
Sensor Protection Material	Carbon fibre plate (2.5mm thick) and aluminum
Imager Weight	3.3 kgs

Technical Specifications are subject to change without prior notice.