



SCANSILC 4030E

Portable X-ray System

High Resolution, Large Area a-Si Flat Panel X-ray Imager

The Scansilc 4030E is a high performance portable x-ray system, using an advanced amorphous silicon (aSi) panel with a 40 x 30 cm (16 x 12 inch) imaging area, 14 bit dynamic range and 127 micron pixel pitch. The flat panel design allows the operator to get the imager into very confined spaces whilst the large screen size is suitable for scanning abandoned bags and suspicious packages.

Scansilc 4030E utilises the well tried and tested Scanview EOD x-ray triggering and imaging software to produce high resolution images. Images can be auto stored for evidential purposes or manipulated to further enhance regions of interest.

All components of the system - laptop, 4030E imaging panel, cables and x-ray source fit into a single rugged weatherproof case which also acts as a workstation.

Technical Specifications

Receptor Type	Amorphous Silicon
Conversion Screen	DRZ Plus
Pixel Area Total	29.3 x 40.6cm (11.5 x 16.0 in)
Active	29.1 x 40.5 cm (11.5 x 16.0 in)
Pixel Pitch .	127 um
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° C
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Mechanical

Size	45.0 x 33.7 x 3.4cm (17.7 x 13.3 x 1.3 in)
Housing Material	Aluminum
Sensor Protection Material	Carbon fibre plate (2.5mm thick) and aluminum

Technical Specifications are subject to change without prior notice.

