SCANSILC 3643U
LARGE DR X-RAY

Overview

SCANSILC 3643U – **Large-Format X-Ray Built for the Field**

SCANSILC 3643U delivers robust, large-area imaging (36 × 43 cm) for security, defence, and EOD operations. Designed to withstand harsh environments, it is dust and water-tight and impact and drop-resistant to 1 m, ensuring dependable performance in the field.

Intelligent in-panel control circuitry eliminates the need for a separate communications box, allowing fast, hassle-free deployment. The inbuilt OLED screen provides real-time operational awareness, while dual in-panel batteries support extended field operations.

Compatible with both pulsed and CP x-ray generators, operators can control the system wired or wirelessly from a tablet or laptop–no extra interface required. The panel's stand-alone AED mode allows full manual control, including custom firing delays or a dead man's switch for safe, precise operations.

Available as a complete portable system or as an upgrade/extension panel, the **SCANSILC 3643U** delivers power, flexibility, and reliability for mission-critical field operations.

Highlighted Features

High definition images - 100 microns - 5 lp/mm

Uniquely designed for security applications - not a fragile medical/veterinary panel in a protective cover.
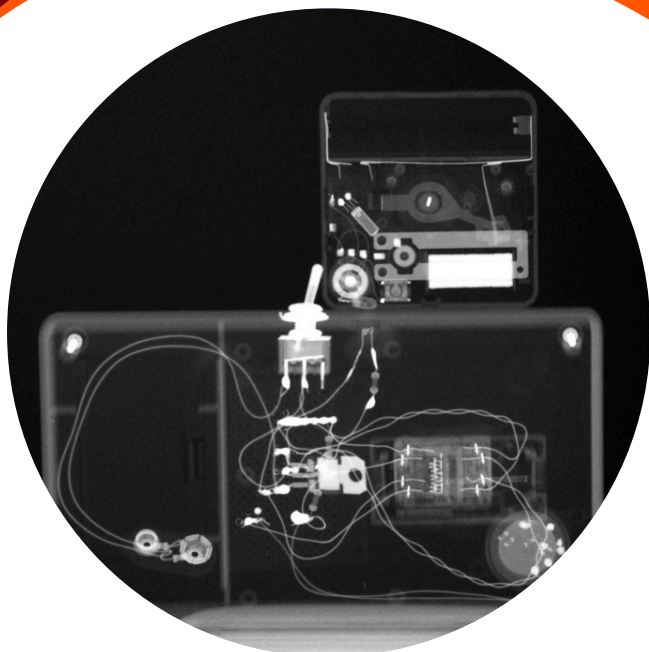
Multiple Operational modes -
- Synchronised wired or wireless control from a tablet/laptop,
- Standalone AED (Automatic Exposure detection) Mode
- Storage Mode - collect 300 target images on the panel for download on demand

Ruggedised Unibody design - drop tested to 1m (3 ft) on all 4 corners.

IP67 environmental protection against dirt, dust and water ingress. IP68 connectors.

Dual hot-swappable in-panel batteries and spare battery providing extended field operational capability.

TECHNICAL
INFORMATION

Parameter	Specification
Nominal Image Area	360 x 430 mm
Active Image Area	353.4 x 430.2 mm
Pixel Pitch	100 micron
Resolution	5 lp/mm
Physical Dimensions	457.2 (w) x 435.5 (h) x 20 (d) mm
Weight	3.9 kg
Environmental Protection	IP67 (Dust and water resistance)
Drop Test	1m on all 4 corners
Bottom Dead Area	3 mm

The **Scansilc 3643U** is compatible with all **Golden XR** pulsed X-ray generators as well as other CP X-ray sources. You can synchronize, control and trigger your X-ray generator directly through our **Scanview** software, or operate and fire your X-ray source manually using **AED** or **Storage Modes.**
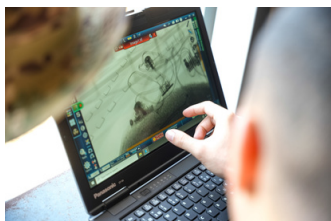

| XR150 - 150 kV | XR200 - 150 kV | XRS-3 - 270 kV | XRS-4 - 370 kV | XRS-3 /XRS-4 MD Multi-Directional |

Select from a range of semi rugged and fully rugged Windows Tablets and Laptops with screen sizes from 8-22" to control the x-ray source and view, enhance and manage images. Use with proprietary Scanview Imaging Software and/or XTK imaging software (for Govt approved users).

ScanSilc 3643U-V5,I2-UK

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