

# 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.

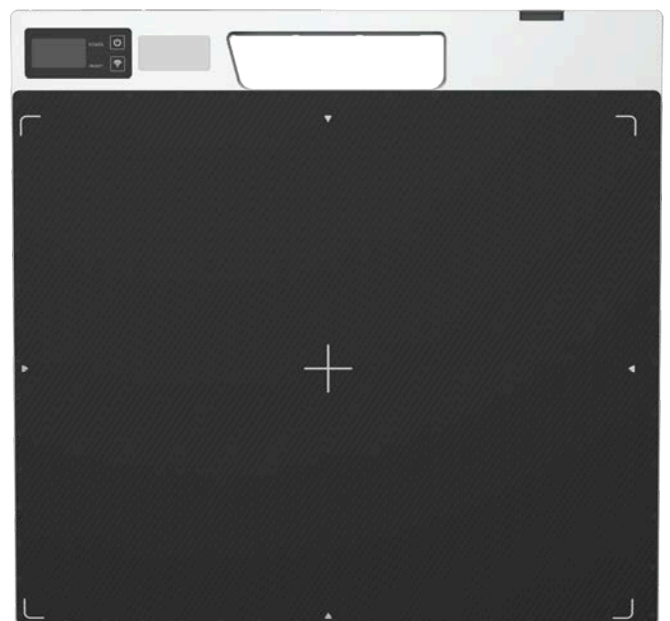
**Multiple Operational modes** -

- 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 and 140 micron
Resolution	3.5 and 3.94 lp/mm
Physical Dimension	457.2 [w] x 435.5 [h] x 20 [d] mm
Weight	3.9 kg
Environmental Protection	IP67 [Dust and water resistance]
Drop Tested	1m on all 4 corners

**Scansilc 3643U** operates with any of the Golden XR pulsed x-ray generators and other CP x-ray sources. Select x-ray generator type, parameters and remote firing using the Scanview software. For manual set up and control of x-ray sources, the 3643U panel can be operated in AED mode.



XR150 - 150 kV

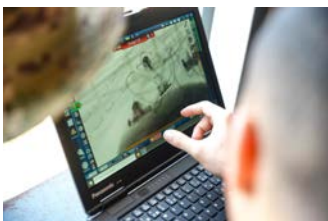
XR200 - 150 kV

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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