

# SCANSILC 3643U DATASHEET



## Overview

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SCANSILC 3643U is a robust, large format x-ray panel for security and defence x-ray applications. The panel is designed for harsh environments, is dust and water tight, impact and drop resistant to 1m. We use intelligent control circuitry within our x-ray panel instead of a separate communications box to provide fast, problem free deployment.

The imaging area is 353 x 430 mm and offers 16 bit, 100 micron high resolution images.

SCANSILC 3643U is compatible with both pulsed and CP x-ray generators. Operators can control in sync mode from a tablet or laptop without needing an extra interface communications box. Alternative stand-alone [AED] mode with the x-ray generator triggered manually.

Two in-panel batteries allow for extended field operation.

## Highlighted Features

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**High definition images** - 100 microns - 5 lp/mm

**Uniquely designed for security applications** - not a fragile medical/veterinary panel in a protective cover

**Dual operational modes** - Either synchronized wired or wireless control from a tablet/laptop or standalone AED [automatic exposure detection] mode with manual firing of the x-ray generator

**Ruggedised Unibody design** - drop tested to 1m [3 ft] on all 4 corners

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

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



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# TECHNICAL INFORMATION



Parameter	Specification
Image Area	36 x 43 cm
Active Image	353 x 430 mm
Pixel Pitch	100 micron
Resolution	5 lp/mm
Physical Dimension	456 x 435 x 20 mm
Weight	4.1 kg
Environmental Protection	IP67 [Dust and water resistance]
Drop Tested	1m

Scansilc 3643U operates with any of the Golden XR pulsed x-ray generators and other CP x-ray sources. Select from a range of semi rugged and fully rugged Windows Tablets and Laptops. Operates with proprietary Scanview Imaging Software and/or XTK imaging software [for Govt approved users].



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