

SCANSILC 3643U DATASHEET



Overview

SCANSILC 3643U is a robust, large format x-ray panel for security and defense 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 14 x 17 " 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

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 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.



scanna-msc.com

Telephone: [+1 941-925-9730](tel:+19419259730)

Email: info@scanna-msc.com

TECHNICAL INFORMATION



Parameter	Specification
Image Area	14 x 17 "
Active Image	13.9 × 16.93 "
Pixel Pitch	100 micron
Resolution	5 lp/mm
Physical Dimension	17.95 × 17.13 × 0.79 "
Weight	9.04 lbs
Environmental Protection	IP67 [Dust and water resistance]
Drop Tested	3 ft

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].

