

ScanSilc Rugged Slim Panel Portable X-ray Systems

Protecting People and Infrastructure Worldwide, Without Compromise

No two x-ray missions are alike so one size X-ray system doesn't necessarily fit all.

ScanSilc is a range of high performance, high resolution x-ray panels designed to meet the wide range of tasks our users carry out and the different types of environments they operate in.

The **ScanSilc** product range includes tactical lightweight systems for users that need to travel light or work discreetly, general purpose detectors for screening postal devices, pipe bombs, backpacks, luggage and munitions. Our large format panels are perfect for users who want to carry out oil drum inspections or vehicle screening, quickly, without carrying and setting up a slider system and using minimal radiation.

ScanSilc panels are configured to work seamlessly with any of the **Golden** range of pulsed battery powered x-ray generators combined with a companion tablet, laptop or phone. Where safety distances allow, **ScanSilc** can also be configured for use with CP and Betatron sources.

ScanSilc systems are provided with our powerful ScanView X-ray image capture, control and viewing software to provide to provide a complete bundled x-ray package. ScanSilc is suitable for deployment by hand or by RCV.



**1. DETECTOR
PANEL**



**2. X-RAY
GENERATOR**



3. CONTROLLER

ScanSilc makes creating your ideal x-ray system as easy as 1,2,3.

X-ray Detector Panels

ScanSILC

ScanSILC X-ray Systems offer:

- Lightweight and Robust Detector Panels - range of sizes to meet a wide range of x-ray tasks
- High Resolution X-ray Images - with one click image clarity
- Impact and Drop Tested to 1M - toughened for police and military field based tasks
- Dust Ingress and Water Resistant to IP67 - reliable in challenging environments
- Slim Format to access tight spaces

Fast Image transfer to Windows Tablet, Laptop or phone using:

- Wired/cabled mode
- Wireless mode - short and long range
- Secure, encrypted military radio
- Storage mode - collect images and transfer to laptop back at ICP



SCANSILC 1824

Parameter	Specification
Dimensions	265 x 215 x 21.8 mm / 10.4 x 8.5 x 0.86"
Active Area	175 x 233 mm / 6.9 x 9.2 "
Weight	1.7 kg / 3.75 lbs
Resolution	6.5 lp/mm
Pixel Pitch	76 µm
Ruggedised	IP67 & 1m [3 ft] Drop Test

Tactical X-ray panel size 18 x 24 cm. Operates with back-to-back tablet enabling fast placement at target.

Parameter	Specification
Dimensions	325 x 318 x 20 mm / 12.8 x 12.5 x 0.79 "
Active Area	233.5 x 291.8 mm / 9.19 x 11.49 "
Weight	2.0 kg / 4.41 lbs
Resolution	6.5 lp/mm
Pixel Pitch	76 µm
Ruggedised	IP67 & 1m [3 ft] Drop Test

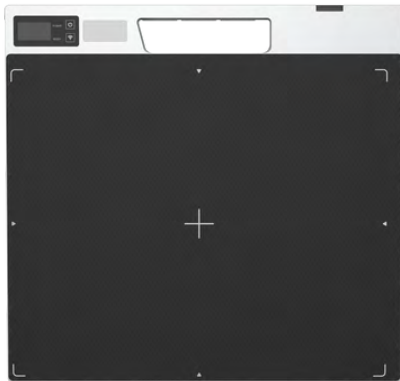


SCANSILC 2430U

Compact X-ray panel size 24 x 30 cm with 76 micron image resolution.

X-ray Detector Panels

ScanSILc



SCANSILC 3643U

Parameter	Specification
Dimensions	457.2 x 435.5 x 20 mm / 18.0 x 17.1 x 0.79 "
Active Area	353.4 x 430.2 mm / 13.91 x 16.94 "
Weight	3.9 kg / 8.6 lbs
Resolution	5 lp/mm
Pixel Pitch	100 µm
Ruggedised	IP67 & 1m [3 ft] Drop Test

Standard format X-ray panel size 36 x 43 cm for a wide range of search and inspection tasks.

Parameter	Specification
Dimensions	520.2 x 609.8 x 20 mm
Active Area	430 x 573 mm
Weight	5.9 kg
Resolution	3.5 lp/mm
Pixel Pitch	140 µm
Ruggedised	IP67 & 1m [3 ft] Drop Test

Large format X-ray panel size 43 x 57 cm for checking cabin bag sized items in a single scan.



SCANSILC 4357U



SCANSILC 8686

Parameter	Specification
Dimensions	900 x 967 x 27.5 mm / 35.43 x 38.07 x 1.08 "
Active Area	860 x 860 mm / 33.86 x 33.86 "
Weight	20.5 kg / 45.2 lbs
Resolution	3.5 lp/mm
Pixel Pitch	140 µm

Super sized X-ray panel 86 x 86 cm for screening oversized objects and vehicles without needing a slider system.

X-ray Generators

ScanSilc systems are pre-configured for plug and play use with any of the **Golden** pulsed x-ray generators. With a **ScanSilc** system, no additional interface/control box is needed to fire or control the **X-ray** source. This means fewer cords and connectors, greater reliability and less to go wrong!



Golden XR150

Dimensions:	266.5 x 119.6 x 89.9 mm / 10.5 x 4.71 x 3.54"
Weight:	2.58 kg / 5.7 lbs [including battery]
Max kVp:	150 kVp
Output dose:	2.4 mR / pulse [12" from source]
Pulse rate:	11 pulses per second



Golden XR200

Dimensions:	309.1 x 108.2 x 148.1 mm / 11.9 x 4.26 x 5.83"
Weight:	5.0 kg / 11.02 lbs [including battery]
Max kVp:	150 kVp
Output dose:	3 mR / pulse [12" from source]
Pulse rate:	10 pulses per second



Golden XRS3

Dimensions:	391.7 x 108.2 x 148.1 mm / 15.42 x 4.26 x 5.83"
Weight:	5.4 kg / 11.9 lbs [Including battery]
Max kVp:	270 kVp
Output dose:	Average 3 mR / pulse [12" from source]
Pulse rate:	21 pulses per second



Golden XRS4

Dimensions:	489 x 179 x 122 mm / 19.3 x 7.05 x 4.80"
Weight:	8.3 kg / 18.3 lbs [Including battery]
Max kVp:	370 kVp
Output dose:	5 mR / pulse [12" from source]
Pulse rate:	9 pulses per second



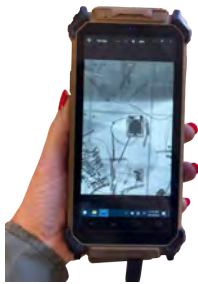
Golden XRS2/3/4 MD

The NEW **XRS MD** [Multi-Directional] Series Portable X-ray Generators.

The **XRS-2MD**, **XRS-3MD** and **XRS-4MD** are the first of their kind to combine both front and 360 °rotational side x-ray beams in one compact unit, giving you greater accessibility and flexibility in your x-ray work than ever before.

Controllers and Software

Controllers



Handheld



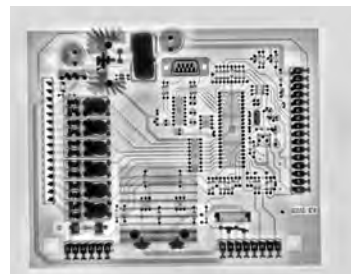
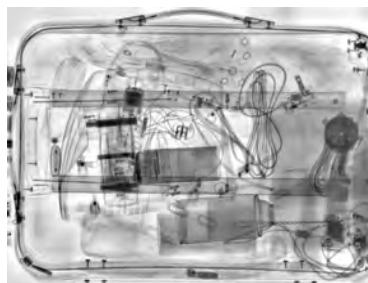
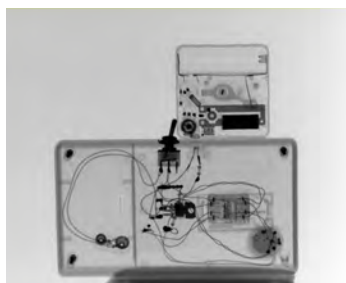
Tablet



Laptop

ScanSilc systems come complete with a choice of handheld, tablet or laptop controller, pre-configured to control your X-ray Detector and X-ray Generator using either ScanView X-ray Imaging Software or XTK [X-ray Toolkit]

ScanView Imaging Software



Scanna's **ScanView** software uses an intuitive UI allowing you to pick up and start using your x-ray system with the minimum of training. Images are quick and easy to adjust using one click enhancement filters and multiple image captures auto-stitch together in seconds. Images can be stored and managed with raw image data within the software database for evidence chain of custody or exported as windows format files for use within reports or third party sharing.

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**Contact us now to see how ScanSilc can
enhance your next x-ray mission.**