

# Scansilc 3643

Large Area Thin Panel X-ray System



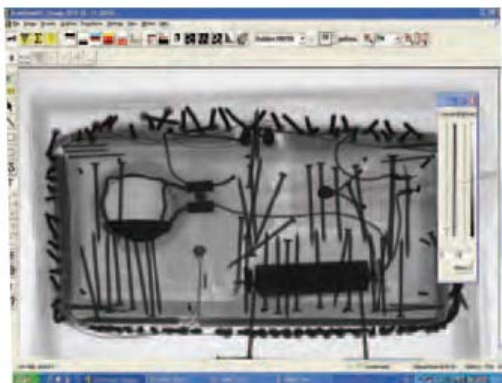
*security  
screening* *x-ray  
imaging*

Scansilc 3643 EOD is a new large area, flat panel x-ray imaging system with a 14 x 17" imaging area which has been specially ruggedized for use in security and EOD. The x-ray detector panel operates via integrated Wi-Fi and/or cable connection, without any bulky interface box to offer high definition image quality.

The new Scansilc imagers have virtually no dead area, are high shock tolerant and suitable for a wide range of defense and security field applications including EOD, C-IED unattended baggage checks, vehicle inspection, cell searches and for detecting weapons and contraband material. Scansilc Thin Panel X-ray systems also have applications within the fields of forensics and counter surveillance (TSCM).



Lightweight, large area, wireless flat panel detector with virtually no dead zone



High Resolution X-ray Images



Snap-On Dual Energy Module for Organic Material Discrimination/Color Separation

# Scansilc 3643

## FEATURES AND BENEFITS

*High Resolution X-ray Images Lightweight, large area, wireless flat panel*

- Wired or Wireless X-ray Control and Fire via the companion laptop or tablet for fast 'Place and Fire' Deployment - no need to return to target to adjust pulses
- Wired or Wireless X-ray Image Data Transmission back to laptop/tablet
- Unlike many other flat panel x-ray systems no bulky interface box is required
- Lightweight panel with high shock tolerance - Ideal for field use
- Negligible dead area to capture more of what you need to see
- Water resistant to IP65 - Suitable for most security environments
- Fast Image Acquisition for rapid deployment operations
- Optional ScanDEM snap on Dual Energy Module for color separation of organic and inorganic material such as weapons/explosives/narcotics

*\*Specially ruggedized for EOD, Security and Defense applications*

## TECHNICAL FEATURES

- 3.5 lp/mm , 140 micron resolution. Csl or GoS scintillator
- Image area 14" x 17" (3,072 x 2,560 pixel resolution)
- 6 hours standby operation producing 700 images per battery charge
- Panel Dimensions: 18" (w) x 16" (h) x 0.86" (d)
- Panel Weight 9.9 lbs . \* Golden X-ray Generators 5-12 lbs

## IMAGE PROCESSING FEATURES

*ScanView software gives you a range of image manipulation options to get all the detail you want out of your x-ray image.*

- Black and white image
- Inverse / negative image
- Pseudo color density filters
- Brightness Contrast Adjustment
- Gamma Adjustment
- Histogram Equalization
- Select Region of Interest
- Multiple zoom 800 x
- Zoom to region of interest
- Pseudo 3D
- Find Edges
- Sharpen/ Clean/Soften Image
- Image Rotation/Flip/Mirror
- Image Stitching
- Optional organic/Inorganic material separation filter (explosives/narcotics).

## DATABASE FEATURES

- Database software allows you create incidents and store and manage over 32,000 images using searchable fields.
- Store and Retrieve database images
- Auto save images for evidential purposes
- Export and Import Images - Supported image export formats: .sca, .jpg, .tiff (16 bit), .bmp
- Compact and export Database
- Database Protection

## ANNOTATION TOOLS

- Measurements
- Add text
- Draw shapes
- Point to area
- Add notes

### Generator Control

Select and control your generator exposure/pulses remotely and safely via companion laptop or tablet. Compatible with Golden XR150/200/XRS-3/XRS-4 and Industrial CP generators.

*Technical Details subject to change without notice. E and O.E*

