WITHOUT COMPROMISE
Cutting edge screening and detection solutions.

www.scanna-msc.com
WITHOUT COMPROMISE

Cutting edge screening and detection solutions.

www.scanna-msc.com
Easy to use
Scanwedge is designed to be easy to set up and operate in under 5 minutes. It combines just 3 core components - imager, X-ray generator and laptop with no separate interface box nor external battery required.

Highly Portable
Scanwedge is lightweight, rugged and man-portable. The compact flat panel is designed for easy access in confined areas. The smallest complete backpack system weighs less than 10kgs.

Battery Operation
Scanwedge is totally portable and all components will operate independently on battery for up to 5 hours with no reliance on mains power and no powered data cables. The charging system is integrated within the toughened transit case allowing simultaneous charging of all core components.

Safe
The X-ray generator is controlled from a distance using the system's Scanview software. Multiple X-rays of varying exposure times can be taken in seconds without the need to re-approach the target.

Integrates with other EOD components
Scanwedge is compatible with both Golden pulsed X-ray generators and industrial X-ray sources making a straightforward upgrade from Polaroid film.

Real Time X-ray and no consumable costs
Unlike film based X-ray systems, Scanwedge is a real time X-ray system and does not require any expensive consumables or processing equipment.
SCANWEDGE

Technical Specifications - Image Panel, Laptop and Cases

**Scanwedge Image Panel**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Receptor</td>
<td>High Performance CCD</td>
</tr>
<tr>
<td>Panel Weight</td>
<td>5.2 kg</td>
</tr>
<tr>
<td>Power Source</td>
<td>100-240 VAC</td>
</tr>
<tr>
<td>Batteries</td>
<td>2 x Integrated Rechargeable Lithium Polymer</td>
</tr>
<tr>
<td>Panel Dimensions</td>
<td>54 [h] x 27 [w] Depth of Panel at Imaging Area: 1.8 cm</td>
</tr>
<tr>
<td>Imaging Area</td>
<td>20 x 25 cm [8 x 10&quot;]</td>
</tr>
</tbody>
</table>

NSN: 6350-99-190-7427

**Laptop options**

- Scanwedge is supplied with a high performance laptop running Windows 7 Professional 32 bit.
- Minimum spec: Intel Dual Core Processor, 500 GB Hard Drive, 4 Gb Memory.
- Other brand name variants and ruggedised MilSpec models are available.
- Wireless option (802.11G)

**Transit Options**

**System Case Options**

Scanwedge is supplied in a wheeled ruggedised, weather resistant case with 50m cable reel. A lightweight backpack for rapid or lightweight deployment operations is available as an option.

---

**Postal Bomb Identification**

**EOD Tasks**

**IED Identification**

**Measurement Tools**

**3D style image**

**Stitch Images**

Technical Details subject to change.
**Scanwedge**

Technical Specifications - Portable X-ray Generators

**X-Ray Generator Options**

- **XR200 Standard Generator**
  - Applications: Police, General Security, Postal Blast Investigation
  - Penetration: 15mm steel
  - Pulses per charge: 4,000
  - Dimensions: 31.75 (l) x 11.5 (w) x 19 (h) cm
  - Weight: 5.5kgs with battery

- **XR150 Lightweight Generator**
  - Applications: Special Forces, Light Duty Applications
  - Penetration: 15mm steel
  - Pulses per charge: 1,500
  - Dimensions: 10.4 (l) x 8 (w) x 27.3 (h) cm
  - Weight: 2 kgs with battery

- **XRS-3 Heavy Duty Generator**
  - Applications: Military, Counter IED, UXO Inspection, TSCM, NDT
  - Standard Penetration: 26mm steel
  - Pulses per charge: 4,000
  - Dimensions: 35.5 (l) x 11.5 (w) x 19 (h) cm
  - Weight: 5.5kgs with battery

---

**Scanview X-ray Imaging Software**

**Scanview Features:**

- X-ray Generator selection
- X-ray pulse setting
- X-ray pulse activation
- X-ray Firing Delay
- Password Controlled Safety Timeout
- Accumulation of Pulses (Summing)
- Audible and Visual Warning during X-ray activation
- Incident Reference Creation
- Visual database of X-ray images including name, date, category, place, file name
- Ability to back up database
- Query and Sort in database
- Compact database
- Digital zoom
- Vocal annotation
- Email option
- Battery monitor
- User login
- Print
- Fax
- On-screen help
- Multiple zoom including zoom thumbnail window
- Zoom to region of interest
- Inverse (polarity) image
- Pseudo colour images
- Sub-image
- Rotate, flip and mirror image
- 3D (Emboss) image
- Sharpening
- Smoothing
- Edge Enhancement, Find Edges
- Clean
- Brightness and contrast
- Gamma Correction/Stretch
- Import/Export Images
- Shaped Regions
- Select Region
- Annotate Images, Save Annotations
- Histogram Equalisation
- Histocontrast
- Overlay
- Copy/paste
- Multiple Undo, Image Restore
- Measure (multiple units)
- Calibrate measurements
- Summing
- Image Stitching and Cropping
- Grid Overlay
- Save to windows formats – jpg, bmp, tif
- Foreign language options

---

**Accessories**

- Wireless Image Transmission 802.11g
- Wireless X-ray Acquisition
- 50/100/150 m Cable Extensions
- Custom Cases and Lightweight Backpackable Systems
- ROV Robot Integration
- Imager and Generator Tripod Mounts
- Weather and Drop Protective Image Panel Cover
Imaging Expertise

**Scanna** has a long track-record of providing high performance X-ray Imaging equipment to the Defence and Security sector. We have a deep insight into the challenges faced by our customers.

Our X-ray products combine leading-edge, field proven technologies with simple to use functionality, enabling operators to make intelligent decisions in the most challenging and time critical field based scenarios. Scanwedge flat panel portable X-ray systems are compact, rugged and lightweight for rapid deployment on task. X-ray-to-screen response time is almost instant and no re-approach is required for repeat shots - an indispensable asset for a range of search tasks.

**Truly Portable**
- Battery Powered Components
- Wireless X-ray fire and image transfer options
- Single Wheeled Case or Lightweight Backpack

**Rapid and Remote X-ray Operation**
- Almost instant X-ray Acquisition
- Adjust and fire X-ray pulses remotely
- Fire X-rays without re-approach to target

**User Friendly**
- Fast and simple to set up and use
- Connect place, fire and complete operation in minutes
- Easy to operate icon driven Scanview software

**Field Proven**
- In worldwide service with defence and police teams
- Proven in some of the world’s toughest environments
- Approved for use by NATO forces

**www.scanna-msc.com**

SCANNA MSC Ltd,
223 Regent Street, London, W1B 2EB

Telephone: +44(0) 207 355 3555
Fax: +44(0) 207 355 3556
Email: info@scanna-msc.com

**SCANNA**