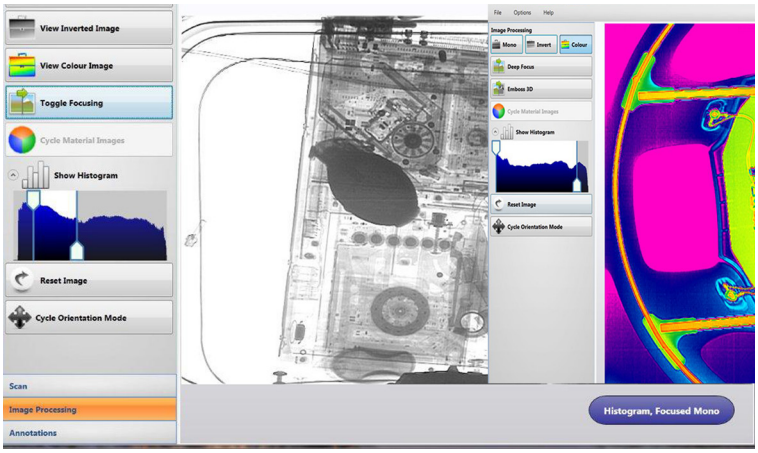
3DX-RAY



ThreatSpect

- 3DX software for portable systems
- User-friendly
- Windows based
- Acquire images quickly

Advanced software for x-ray inspection

ThreatSpect is the user-friendly software for 3DX-RAY portable x-ray systems. Simple and intuitive to use with a Windows based graphical interface. Enables the operator to acquire images rapidly and to use a range of sophisticated image processing tools to assess threats.

ThreatSpect software enables operators to acquire and interpret x-ray images quickly and simply.

In high security situations it is important to have tools that are quick, simple and effective to use - ThreatSpect has been designed to offer maximum functionality within a clean operating environment.

ThreatSpect menus are context-driven to de-clutter the operating screen and give maximum screen space to the image. They are also streamlined to initiate functions with a single click.

The interface allows access to the majority of features through intuitive and easily understood symbols rather than words.

As a result usability is improved and operator training time is reduced.

A range of sophisticated image processing functions, including pan, zoom, Deep Focus™, invert and histogram help the operator to interpret the x-ray image.

Materials discrimination and measurement and annotation are also available options.

ThreatSpect can also communicate the image on screen to a remote command centre for immediate input from remote personnel.

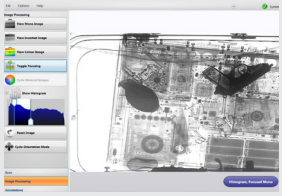
Ideal for use by First Responders, EOD teams, Counter Surveillance, and Customs and Security Operatives

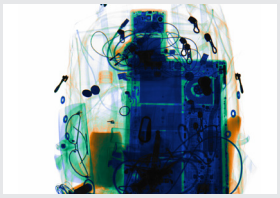
Features

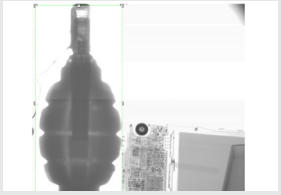
- Pan, zoom, histogram
- Materials discrimination
- 3D Emboss
- Deep Focus™
- Image saving (JPEG / other)
- Mono, mono invert, false colour
- Measurement & annotation options

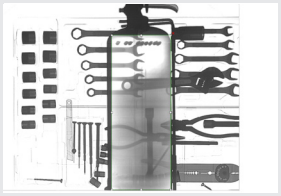
Benefits

- Uncluttered operating screen
- Single click functions
- Optimised image area
- Optional direct link to the remote command and control centre so they can view what the operator sees on screen in real time
- Tablet version available with touchscreen interface
- Reduced operator training time

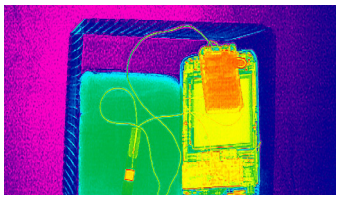

Histogram feature


Materials discrimination

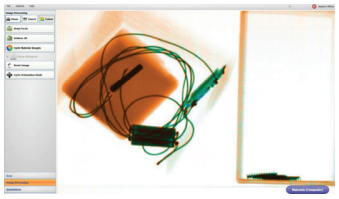

Grenade and mobile phone


Fire extinguisher

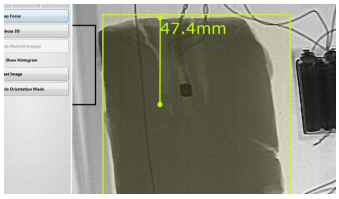
ThreatSpect



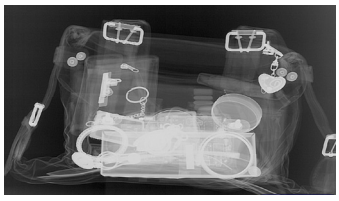
False colour



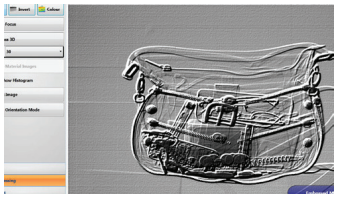
Materials discrimination



Measurement



Invert



3D Emboss

Standard features	
Auto calibration	The first image that you obtain is auto-calibrated and is suitable for optimal viewing, analysis and storage.
Deep Focus™	Deep Focus™ optimises the contrast for each area of the image independently, revealing potentially hidden information in both light and dark areas at once.
Histogram	The histogram function allows the operator to look in detail at different density levels of the target and to analyse image data acquired by the system that the human eye cannot see.
Mono invert and colour modes	Mono, inverted or false colour display modes are available for displaying the captured image.
Pan, zoom and rotate	You can pan, zoom and rotate the image by selecting the appropriate mode using the "Cycle Orientation Mode" button.
Saving images	Images can be stored in ThreatSpect (.tsx) proprietary data format, materials discrimination (.tsm), Portable Network Graphics (.png, .jpg) or bitmap (.bmp) formats.
Optional features	
Materials discrimination	Allows the operator to determine the materials composition of the target, colours displayed as below: Inorganic: blue Mixture: green Organic: orange-brown
Annotations / measurement	Enables the operator to measure, write text and highlight a feature within the suspect package image and review / assess the threat.
3D emboss	Used to give a 3D effect to the image to better define the edges within the image.
Licence options for portable systems	
Additional modules and combinations of modules may be purchased to upgrade 3DX-RAY portable systems	ThreatSpect Standard Licence View, Scan, Save / Export, Import *.tpx
	ThreatSpect Professional Licence as Standard plus AutoSave, Annotations and Measurement
	ThreatSpect Professional Plus Licence as Professional plus Materials Discrimination and 3D Emboss

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