3DX-RAY

AXIS™-64E

- Suspect item inspection
- Packages and letters
- Mobile, easy to relocate
- Materials discrimination

Conveyor x-ray system for multiple items

The AXIS™-64E is a compact freestanding x-ray inspection system. It can be installed in small spaces and offers high throughput and ease of use, so is ideally suited for scanning cabin baggage, small packages and mail.

A conveyor system that provides excellent image quality, materials discrimination, powerful image enhancement, and processing functions for rapid and accurate interpretation of images.

The AXIS™-64E has been designed for ease of use and is compact enough to fit in areas where space is limited.

Optimum clarity and resolution combined with a range of powerful image processing tools, including materials discrimination, help the operator to make fast and accurate decisions - thereby increasing throughput and decreasing the incidence of false alarms or missed threats.

The high quality AXIS™ systems offer excellent value for money to the security industry.

3DX-RAY offers a full range of support and maintenance services to meet the varying needs of the security sector including 24/7 response.
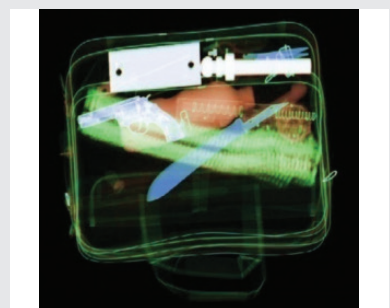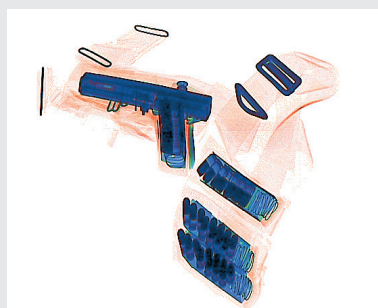
AXIS™ systems provide a competitively priced solution for standard screening scenarios.
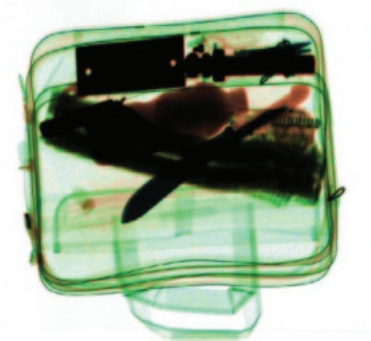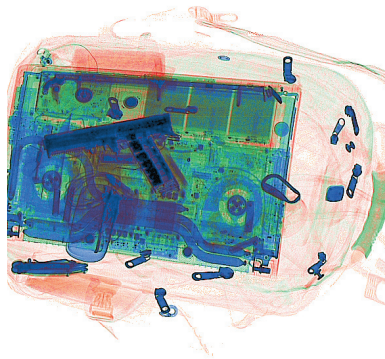
Key features

- Materials discrimination to aviation standards
- 624mm (W) x 425mm (H) tunnel
- Powerful image enhancement and analysis tools
- Intuitive user-friendly software interface
- Threat Image Projection (TIP)

Suitable for

- Border control and Customs
- High security facilities and buildings
- Embassies
- Hotels
- Mailrooms

AXIS™-64E

General Specification	
External dimensions / weight	968 x 1345 x 2064mm (WxHxL) / 615kg
Tunnel size	624mm x 425mm (WxH)
Conveyor speed	0.2m/s
Conveyor height	678mm
Max. load	165kg (evenly distributed)
Resolution	Typical: 40AWG Guaranteed: 38AWG
Penetration (steel)	Typical: 34mm Guaranteed: 30mm
Spatial resolution	Horizontal: 1.0mm Vertical: 1.0mm
Standard display	27" LCD (single display)

Image Processing System	
Image resolution	1920 x 1080 pixels
Display	Black & white / colour
Storage capacity	100,000 images
Processing & image contrast	16-bit (65536) greyscale, real-time processing
Enlargement	Up to 64x dynamic continuous zoom and panning

Imaging Software Features	
	Image panning, background artefact removal
	Threat Image Projection (TIP)
	Automatic image archiving
	Materials discrimination
	High density alarm

X-ray Specification	
Beam orientation	From bottom
Anode voltage	160kV (adjustable)
Cooling & running cycle	Sealed oil cooling / 100%

Operating Environment	
Operating temperature	0°C to +45°C
Storage temperature	-40°C to +60°C
Relative humidity	10% to 95% non-condensing

Safety	
Radiation	Less than 0.5μSv/h
Safety	Conforms with Ionising Radiation Regulations, IRR17 (UK)
	Complies with applicable international health and safety regulations
Film safety	ISO1600 (33DIN)
CE compliant	Yes