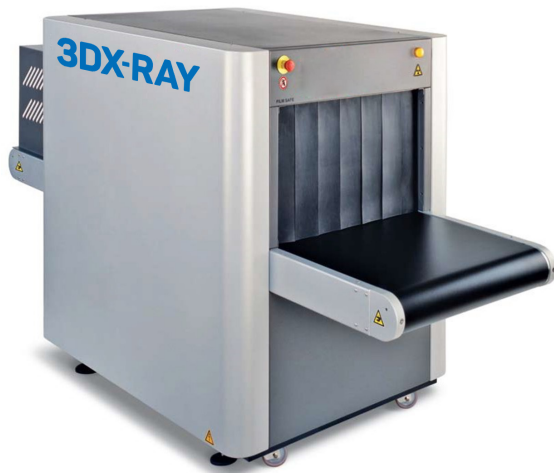


3DX-RAY



AXIS™-64

- Baggage scanning
- Package inspection
- Checkpoint control
- Mail scanning

Conveyor, real-time x-ray scanning system

The AXIS™-64 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.

Providing excellent image quality, materials discrimination, powerful image enhancement and processing functions for rapid and accurate interpretation of images.

The AXIS™-64 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.

Features

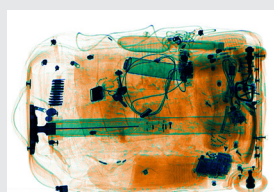
- 606mm (W) x 405mm (H) tunnel
- Powerful image enhancement and analysis tools
- Intuitive user-friendly software interface
- Threat Image Projection (TIP)

Deployment

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



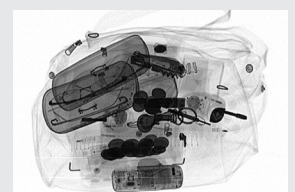
AXIS™-64



Materials discrimination



Optional rollers available



Handbag scan

AXIS™-64

Inspection Unit	
Dimensions	2280mm (L) x 905mm (W) x 1255mm (H)
Weight	450kg
Inspection tunnel	606mm (W) x 405mm (H)
Conveyor belt height	680mm (adjustable)
Conveyor speed	0.2m/sec
Maximum bag weight	165kg
No. of monitors	One (1) LCD widescreen
X-Ray Generator	
Type	High frequency monoblock
Tube voltage	150kV
Tube current	0.5mA
Beam orientation	Diagonal upwards
Power	
Power supply	Single phase 230 or 110VAC, +/- 10%
Frequency	50/60Hz +/- 3Hz
Power absorption	≤ 1.5kVA
Duty cycle	100%
Environmental	
Operating temperature	0°C to +40°C
Relative humidity	95% uncondensated
Storage temperature	-20°C to +60°C
Noise level	< 60dB (A)
Safety	
X-ray emissions	Leakage dose at 10cm: < 1.0µSv / hour (0.1mR/h)
Film safety	Guaranteed up to ISO 1600/33 DIN
CE	CE compliant The system fully meets the applicable international regulations for x-ray equipment

Imaging	
Resolution *	38 AWG guaranteed, 41 AWG typical
Penetration *	30mm steel guaranteed, 32mm typical
Detectors	Two (2) L-shaped rows of photodiodes
Standard Image Enhancement Features	
Imaging processing modes	Organic / inorganic materials discrimination
	Continuous contrast variation
	Continuous variation of penetration levels
	Reverse image
	Variable edge enhancement
	Energy stripping
	Pseudo colours
	Continuous Zoom x2 up to x64 and RotoZoom
All features available in real time	
Advanced Functions	
	Density alarm (adjustable threshold)
	Image storage on removable devices
	Offline post-processing on work sessions
Options	
	ADS
	TIP (Threat Image Projection)
	NetServer & TIPNet
	Digital session archiving
	Offline post-processing on work sessions
	Digital image archiving (AIMS) / AIMS networking
	Modular roller tables
	Second level remote display workstation(s)
	UPS
	Smart card login

* using manufacturer's proprietary test piece

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