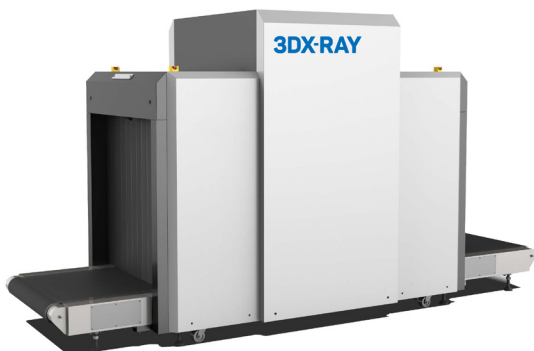


3DX-RAY



AXIS™-100N

- Low conveyor belt for easy handling of **heavy items**
- High image resolution with 24-bit colour
- Steel penetration 32mm
- Materials discrimination

Conveyor x-ray system for large baggage & parcels

The AXIS™-100N is a freestanding x-ray inspection system with a tunnel size of 100 x 100cm. It is simple to operate and relocate and enables high throughput. It is ideally suited for scanning larger items including hold luggage.

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™-100N has been designed for ease of use and is mobile enough to allow straightforward re-location to other areas if required.

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; this increases throughput and decreases the possibility of false alarms or missed threats.

3DX-RAY offers a full range of support and maintenance services to meet the varying needs of the security sector including 24/7 response.

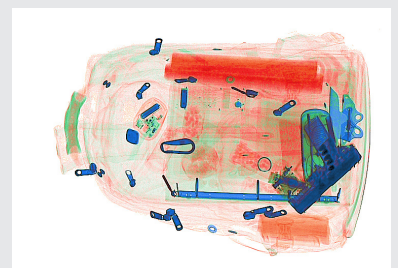
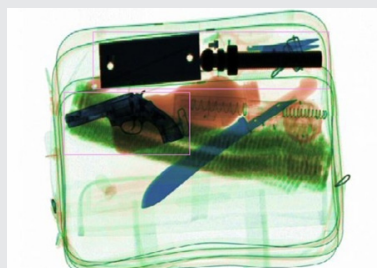
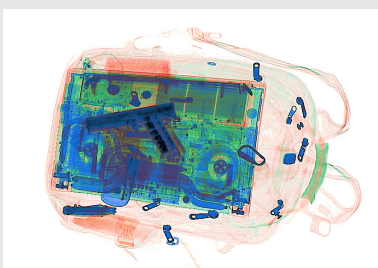
AXIS™ systems provide a competitively priced solution for standard screening scenarios.

Key features

- Materials discrimination to aviation standards
- 1020mm (W) x 1010mm (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
- Railways
- Ports



AXIS™-100N

Standard Features		Optional Features	
Continuous zoom 64x & scanning / Organic & inorganic imaging		Bi-directional scanning	
Edge enhancement / High penetration function		Dual monitors	
Vertical zoom panning / Image annotation		UPS	
TIP / Image review / Reverse monochrome		Voltage stabiliser	
Sensor detection of ultra-thin and small items		OTP (Operator Training Program)	
Auto image archiving / Picture perfect		Computer configuration - 4G, 8G, 16G; Hard disk 1T, 2T; Video card 2G, 4G, 8G	
Materials discrimination / Baggage counter		* Integrated CCTV system	
Footmat interlock / Network ready		Intelligent object identification	
Real-time self-diagnostics / Remote workstation		Increased conveyor speed to 0.3m/s	
Print image capable / Save image (RGB) / JPEG conversion		Additional entry / exit rollers	
Colour and black & white imaging / Pseudo colour		Barcode scanning	
Real-time image manipulation / Density alert		Screener assist	
Physical Specification			
Dimensions		3824 x 1401 x 1957mm (LxWxH)	
Tunnel size		1020mm x 1010mm (WxH)	
Conveyor speed		0.2m/s	
Conveyor load		200kg (evenly distributed)	
Conveyor height		300mm	
Weight		1200kg	
System power		AC 220V (+10%~15%) 50±3 (Hz)	
X-Ray Generator and Image Performance			
Voltage		160kV	
Steel penetration		Typical: 32mm Guaranteed: 30mm	
Wire resolution		Typical: 40AWG Guaranteed: 36AWG	
Cooling		Sealed oil cooling / 100%	
Beam direction		From top	
Computer and Monitors			
Display resolution		1920 x 1080, 24-bit / pixel, colour	
Display type		27" monitor	
Platform		Win7, RAM: 2GB, Hard Disk: 500G	
Operating Environment			
Storage temperature		-40°C to +60°C	
Operating temperature		0°C to +45°C	
Relative humidity		10% to 95% non-condensing	
Safety			
Radiation		Less than 1µSv/h	
Safety		Conforms with Ionising Radiation Regulations IRR17 (UK), complies with applicable international health and safety regulations	
Film safety		ISO1600 (33DIN)	
CE compliant		Yes	

* The innovative and user-friendly integrated CCTV system can combine the x-ray image, specific package and owner in one image enabling the operator to review, analyse and target potential suspects quickly.

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