

SCANNERS

X-Ray Baggage Scanner

Checkpoint-grade baggage screening system with advanced image analysis and operator workflow tools.

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SOLUTION SNAPSHOT

TUNNEL SIZE 650 x 500 mm (W x H)	CONVEYOR SPEED 0.22 m/s (adjustable)	PENETRATION STEEL 34 mm
RESOLUTION 0.1 mm wire gauge	X-RAY LEAKAGE < 1 µGy/h at 5 cm	

Built for Real Operations

01

Checkpoint-grade baggage screening system with advanced image analysis and operator workflow tools.

APPLICATIONS

Where This Product Fits

03

Airport & Transport Security

Provides checkpoint-grade screening for carry-on and checked baggage, meeting ECAC and TSA image quality standards.

Government & Critical Infrastructure

Secures entry points at courts, embassies, and data centres where prohibited item detection is mandatory.

Event & Stadium Security

Handles high-throughput crowd screening at stadiums, concert halls, and major public events without creating bottlenecks.

SPECIFICATION

Technical Details

05

Tunnel Size	650 × 500 mm (W × H)
Conveyor Speed	0.22 m/s (adjustable)
Penetration Steel	34 mm
Resolution	0.1 mm wire gauge
X-Ray Leakage	< 1 µGy/h at 5 cm
Generator Voltage	160 kV dual energy
Throughput	Up to 1,200 bags/hour
Image Storage	1,000,000 images on-board
Power Supply	220 V AC / 50 Hz
Warranty	3 years hardware

Case Studies & Client Feedback

06

"Detection accuracy improved by 40% after switching to this system. The AI-assist feature genuinely reduces operator fatigue during peak hours."

Col. (Retd.) Aminu Bello

Head of Security, International Airport Authority

RESOURCES

Media & Questions

07

Q. Is the system radiation-safe for operators?

A. Yes. X-ray leakage is below 1 µGy/h at 5 cm from the cabinet surface, well within IAEA and IEC 60950 safety limits. Automatic X-ray cut-off activates when the tunnel is clear.

Q. What training is required for operators?

A. We provide a structured 2-day certification course covering image interpretation, threat recognition, and system maintenance.

Q. Can images be reviewed remotely?

A. Yes. The optional remote-screening module allows authorised operators to review flagged images from a central workstation in real time.

Ready to deploy X-Ray Baggage Scanner?

Talk to Nirikhon for product consultation, installation planning, integration support, and enterprise deployment.

Hotline: 01712345678 | Website: www.nirikhon.com