

SCANNERS

Drive-Through X-Ray Car Scanner for Customs and Border Control

Drive-through vehicle X-ray scanner that inspects passenger cars and light trucks in under 15 seconds without requiring occupants to exit. Purpose-built for border crossings, customs yards, and critical infrastructure checkpoints.



X-Ray Car Scanner Machine

New

Official Brochure

SOLUTION SNAPSHOT

VEHICLE CLEARANCE 3.0 m (H) × 3.5 m (W)	SCAN SPEED < 15 s per vehicle	X-RAY ENERGY 6 MeV dual view
PENETRATION STEEL 200 mm	THROUGHPUT Up to 240 vehicles/hour	

Built for Real Operations

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Integrates a high-energy X-ray portal with automatic threat-recognition software that identifies contraband, stowaways, and structural anomalies in real time. The drive-through architecture eliminates manual inspection bottlenecks while maintaining throughput rates compatible with busy border and logistics operations.

APPLICATIONS

Where This Product Fits

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Customs & Border Control

Detects smuggled goods, undeclared currency, and stowaways without disrupting vehicle flow at busy border crossings.

Port & Logistics Security

Screens vehicles entering and exiting bonded warehouses and port facilities to prevent cargo theft and contraband movement.

Critical Infrastructure Protection

Provides a non-intrusive secondary inspection layer at power stations, government campuses, and military installations.

SPECIFICATION

Technical Details

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Vehicle Clearance	3.0 m (H) × 3.5 m (W)
Scan Speed	< 15 s per vehicle
X-Ray Energy	6 MeV dual view
Penetration Steel	200 mm
Throughput	Up to 240 vehicles/hour
Radiation Dose	< 5 µSv per scan
Image Resolution	1.5 mm at 1 m
Storage	500,000 scan records
Operating Temp	-20 °C to +55 °C
Warranty	5 years hardware

Case Studies & Client Feedback

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"We went from 3-minute manual checks to 15-second X-ray scans. Seizures of contraband increased 60% in the first quarter."

Deputy Commissioner Rahman

Customs Intelligence Directorate

RESOURCES

Media & Questions

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Q. Is it safe for vehicle occupants?

A. Yes. The dose per scan is below 5 μSv — less than a typical chest X-ray. However, for maximum safety, occupants are asked to exit before scanning in high-frequency deployments.

Q. Can it be integrated with ANPR and border management systems?

A. Yes. The system supports integration with ANPR cameras, biometric kiosks, and national border management platforms via standard APIs.

Q. How long does installation take?

A. Civil works and full commissioning typically take 2–4 weeks depending on site conditions. Our team handles end-to-end project management.

Ready to deploy X-Ray Car Scanner Machine?

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

Hotline: 01712345678 | Website: www.nirikhon.com