



VX-RAY™

Passive Vehicle Screening System

Screen vehicle interiors for explosives, weapons, stowaways & contraband

Base Screening Technology

Low dose 160kV imaging source

Additional Protective Technology

Passive Filter System

System Highlights

- Design to inspect vehicle interior
- Images are easy to interpret
- Easy identification of hidden weapons
- Fast determination of human stowaways
- Dual energy systems are also available for identification of organic objects such as explosives and drugs
- High throughput of > 360 cars per hour
- Vehicles screen at 20km/hr
- Enhance with Passive Filter Technology to deliver a driver & passenger-safe solution
- Surveillance System for a comprehensive vehicle screening solution

Application

For inspection of vehicle interior at law enforcement, military checkpoints, custom / border checkpoints, airports, seaports, air bases, naval bases, palaces, embassies, petroleum plants and hotel premises.

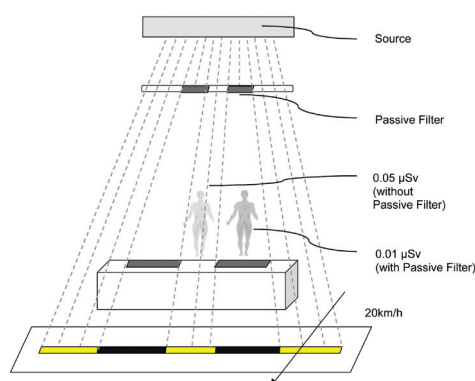


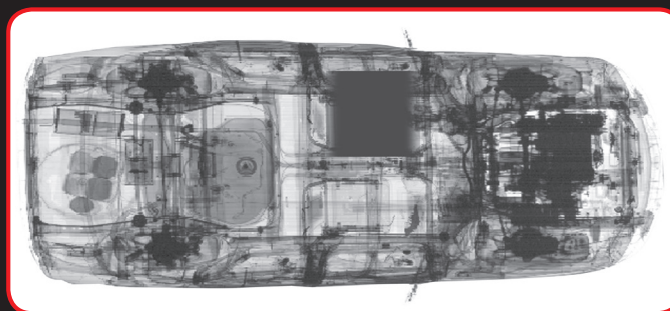
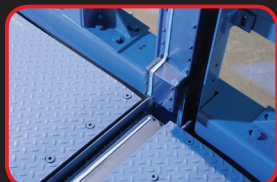
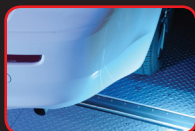
Launched with Passive Filter Technology

Passive Vehicle Screening System provides the most comprehensive screening capabilities for moving vehicles.

The integration of 160 kV imaging source with hyper-sensitive detectors and Passive Filter Technology present a secure and efficient inspection solution for any moving vehicle at checkpoints and critical installations.

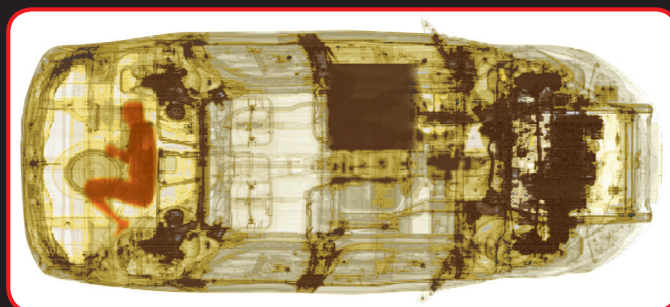
The Passive Filter Technology uses an intelligent filtering mechanism to effectively shield off any unnecessary radiation targeted at the driver and passengers during the inspection process. The latest vehicle screening technology is safer as compared to any existing systems.



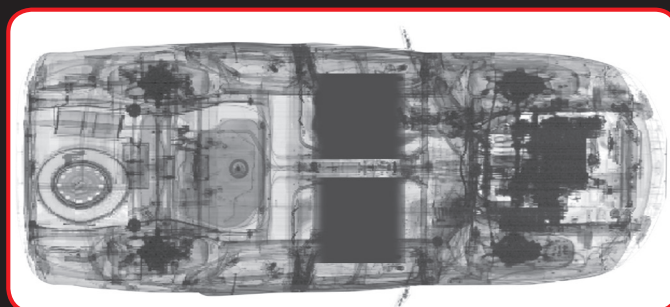


VX-Ray images

1. Image of hidden explosive with driver



2. Dual Energy colour coded image of a hidden man with driver



3. Image of moving vehicle with driver and front passenger

General Specifications

Type of X-ray Source	X-Ray Generator
Tunnel Dimensions	2800mm(W) × 2400mm(H)
Vehicle Type For Screening	Saloon Car
Vehicle Speed When Screening	20km/h
Screening Throughput	360 Cars Per Hour

Image Processing

Pixel Depth	16bits
Image Acquisition Mode	Real-time, Synchronized
ROI & Zoom	Yes, 12X Zoom
Data Storage Capacity	500GB

Health and Safety

Max. X-Ray Dose per inspection	Less than 0.05μSv
Max. X-Ray Dose at Passive filtering zone per inspection	Less than 0.01μSv

Environmental and Electrical

Environmental Standard	IP 65
Operating Temperature	0°C ~ 50°C



ISO 9001:2008 CERT NO.: 300204

Product specifications may be subjected to change without prior notice. USA Patent Pending.

* Original manufacturer

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