

VACIS® MXPL

PASSENGER VEHICLE SCANNING SYSTEM

Compact x-ray scanner for high-throughput vehicle checkpoints

The VACIS® MXPL is a dual-energy X-ray system designed to safely scan passenger vehicles for concealed weapons, explosives, narcotics, and other threats. The system scans vehicles in motion from bumper to bumper. The low radiation dose enables occupants to remain in the vehicle while it's being scanned.

The MXPL integrates the scan image, license number, video image, and other information into the system's database. With detailed scan images, it uses color coding highlights to distinguish inorganic and organic materials. The system's Easy Match feature automatically compares the current scan with prior scans of the same vehicle and highlights any differences, helping inspectors spot new objects.

The MXPL is ideal for any checkpoint needing fast and secure vehicle screening. The system's top-down scanning angle makes it ideal for cars, trucks and other light vehicles. As a mobile solution, the MXPL scans up to 150 vehicles per hour and can be quickly relocated with no disassembly.

Highlights

- Compact physical footprint
- No civil works required
- Low dose radiation – complies with ANSI N43.17-2009
- Dual-energy X-ray imaging
- Material discrimination technology
- Single operator to deploy and stow system
- On-board power generator or shore power
- Vehicles scanned from bumper to bumper
- License Plate Reader
- Easy Match image analysis tool
- Supports remote, centralized image analysis
- Optional fixed portal system

analogic

WEBSITE
www.analogic.com

EMAIL
info@analogic.com

Powerful Operator Tools

The MXPL's built-in operator workstation enables users to operate the system and analyze scan images locally, in one easy-to-use screen. The system provides a variety of functions for analyzing and annotating scan images during the screening process. Remote screening is also supported, providing users with greater efficiency and flexibility to operate the system and analyze scan images from a centralized command center or other secure locations.

MXPL's Easy Match feature enables an inspector to compare two scans of the same vehicle and quickly identify any changes for further investigation:

Figure 1:
Previous Scan

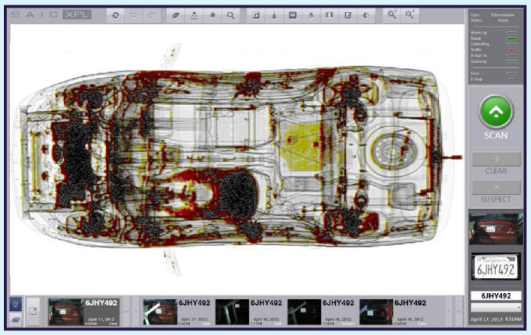


Figure 2:
Current Scan

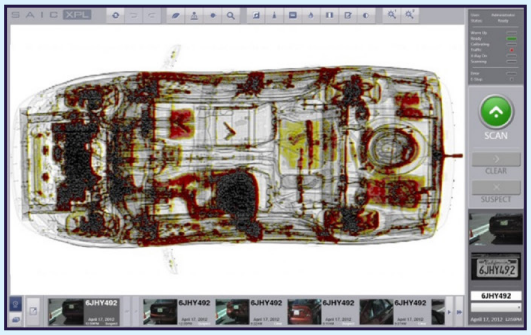


Figure 3:
The Differences



Specifications

Throughput
Up to 150 vehicles per hour
Resolution
7 mm (0.3 in) or better
Penetration
23 mm of steel
Scan Dimensions
2.8 m (9.2 ft) W x 2.5 m (8.2 ft) H

Focus on Safety

The system's low radiation dose and other features comply with the ANSI N43.17-2009 standard for general purpose security screening of people using X-rays. The system's access-controlled area is smaller than the system itself. No additional shielding is required.



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