



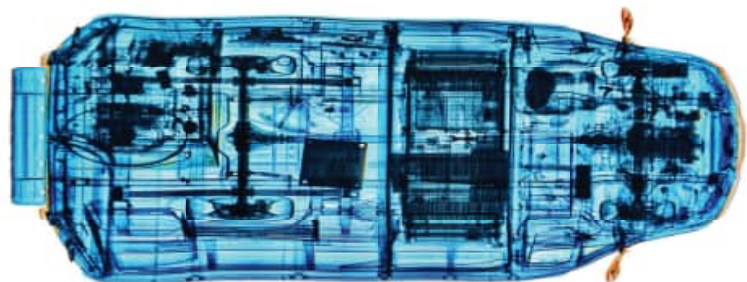
**High level of control
and security in border
inspection.**

OCR TECHNOLOGY

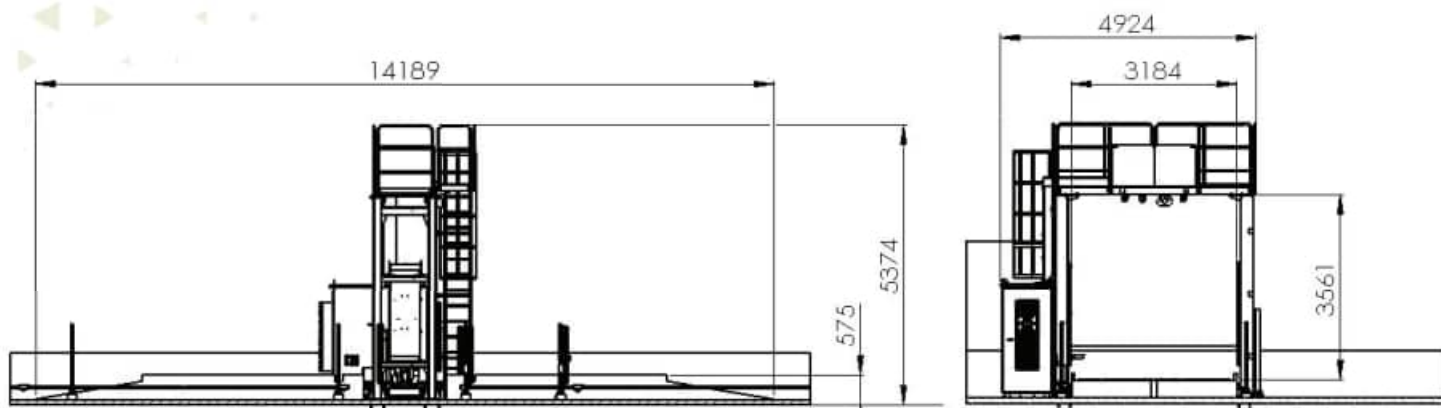
SPECTRUM **CARGO** COMPACT

Effective inspection of small and mid-sized cars on highways, border control, and high-security locations. The Spectrum Cargo Compact enables high penetration in steel and fast data transfer. X-ray tracking systems are designed to optimize security screening at ports, airports, and border crossings.

X-ray images with high
quality and sharpness.



SPECTRUM CARGO COMPACT



SAFETY

- Traffic lights for automatic traffic control
- Video monitoring system with digital video recorder
- Radio communication system

STANDARD FUNCTIONS

- Automatic discrimination of organic, inorganic and mixed material by colorization
- Automatic image saving
- Vehicle counter
- Continuous scanning
- Zoom higher than 128x
- Color or black/white image
- Edge highlight
- High penetration function
- Sharpness
- High density alert
- Reports
- JPG, TIFF, BMP and VMI image export
- Network connection
- Real-time scanning
- Self-diagnosis system
- Color inversion
- Real-time image manipulation
- Automatic detection algorithm for drugs, explosives and high density materials
- Suspicious image tagging function
- Storage capacity over 40,000 images (expandable)

OPTIONAL

- Optical character recognition system (OCR) for automatic license plate reading
- Radiation monitor
- UPS
- Remote workstation for network viewing images
- Biometric reader for operator identification

GENERAL DATA

- X-ray source type:
X-ray tube cooled by oil
- Speed:
~ 8km/h | 5mph
- Maximum vehicle size:
2.7m (W) / 2.7m (H) | 8.9ft (W) / 8.9ft (H) / Length: Unlimited
- Inspection method:
Drive-through
- Inspection flow:
180 vehicles per hour
- Beam energy:
320kV
- Steel penetration*:
60mm | 2.4"
- Maximum dose absorbed by the driver:
≤ 0.13μSv (inspection at 8km/h)

*According to ANSI 43.17-2009

GENERAL SPECIFICATIONS

- Operating temperature:
-20°C to +50°C
- Storage temperature:
-40°C to +60°C
- Humidity:
5% to 95% (non-condensing)
- Power supply:
220VAC +/- 10%, three-phase, 50/60 Hz, +/- 3Hz
- Power:
10kVA



LEGAL NOTICE:
VMI SECURITY RESERVES THE EXCLUSIVE RIGHT TO
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