

**MAdoorSScan PVS-350
X-Ray Deployable Portable Vehicle Scanner
DATA SHEET**



Adres : Saray Mahallesi / Atom Caddesi / Küme Evleri No : 155 Kahramankazan ANKARA / TÜRKİYE

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MAdoorsscan PVS-350 X-Ray Deployable Portable Vehicle Scanner

MAdoorsscan PVS-350 X-ray Portable vehicle inspection system is designed to inspect the inside of vehicles. It can quickly and accurately identify threats/ contraband/ weapons hidden in the vehicle. MAdoorsscan PVS-350 greatly improved vehicle safety inspection speed and accuracy, reduce investment in human resources.

The MAdoorsscan X-Ray Deployable Vehicle Scanner PVS-350 is a low-transmission X-ray scanner for occupied vehicles, which has been designed for rapid deployment at military camps and bases. The system can be deployed and relocated within minutes. With its integrated automatic hydraulic system, the MAdoorsscan PVS-350 can be set up by a single operator.

Furthermore, it comes with an integrated power generator and operator cabin, for most flexible operation on demand. With its ultra-low dose, the MAdoorsscan PVS-350 is fully compliant with the ANSI 43.17-2009 standard for general people screening.

Vehicle scanning , Checkpoints and borders , Customs control , Threat detection The MAdoorsscan PVS-350 X-ray Portable Vehicle Scanning Rapid Deployment security x-ray scanner designed for rapid deployment in the field and suitable for scanning vehicles up to the size of a small van. Designed to offer the end user maximum flexibility, The MAdoorsscan PVS-350 X-ray Deployable Vehicle Imaging X-RAY system is offered in both static and mobile configuration, to provide cost effective solution for security screening of vehicles at a variety of locations.

Designed to meet the needs of security and customs personnel, MAdoorsscan PVS-350 X-ray Deployable Vehicle Screening produces high resolution images of a vehicle in a single pass. Thorough physical searching of a vehicle can take many hours. The MAdoorsscan PVS-350 X-ray Deployable Portable Vehicle Scanner system allows security personnel a detailed view of the inside of the whole vehicle in a single scan.

The operator is able to control the unit and view the images from a remote laptop imaging station. Sophisticated easy to use software allows the operator to zoom, pan and process the image to be able to make a rapid accurate assessment of any potential risk.

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Thorough physical searches of vehicles can take anything up to 8 hours. It can take just as long to rebuild the vehicle. The MAdoorsscan PVS-350 X-RAY vehicle scanner system enables security personnel to thoroughly inspect vehicles even sealed units in minutes.

Rapidly deployed and suitable for vehicles up to the size of a small van, PVS-350 X-RAY vehicle scanner produces high quality images with sub-millimetre resolution in a single pass. The entire operation can be controlled from a remote laptop. The easy-to-use, sophisticated software enables images to be zoomed, panned and processed to enable rapid assessment of any potential risk. Deep focus and the ability to highlight specific materials also aids assessment speeds.

The PVS-350 X-RAY vehicle scanning system is mobile and can be mounted on anything from multi-terrain vehicles to low-cost motorised trailers. PVS-350 X-RAY vehicle screening can be deployed quickly at key locations to combat smuggling and terrorism or it can be used for spot checks across an entire region. A fixed unit configuration is also available

Designed for maximum flexibility , the PVS-350 X-RAY vehicle inspection can be mounted on a range of transportation for mobile deployment. Once at its destination it can be set up and operational in 15 minutes.

PVS-350 can be deployed at key locations across an entire region to combat smuggling. PVS-350 is also suitable for event and venue security, enabling security personnel to see what is being taken on and off site without the need for intrusive hand searches.



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PVS-350 X-Ray Deployable Vehicle Scanner

General Specifications ;

Tunnel inside dimension	2.85(W)m * 2.45(H)m
Scanning Speed	20km/h
Typical throughput	360 pcs vehicles/hour

X-ray Generator ;

Tube voltage	160kV-220kV , Dual energy
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Operating Environment ;

Operation temperature/Humidity	-15°C-55°C/5°C-95°C (non-condensing)
Storage temperature/Humidity	-40°C-70°C/5°C-95°C (non-condensing)
Operation Power	Single phase 220VAC(±10%) 50±3Hz (Optional:100VAC,110VAC,120VAC,200VAC)

Ramp Hydraulic System ;

Max working pressure	40 Bar
Flow	11.6 L/min
Oil-System HPU	MAdoorS 24 volt dc.
Motor	Siemens 230V 50Hz 1.1Kw Single phase Electric Motor
Gear pump	8 cc/rev
Unloading Valve	24 VDC
Oil Tank	30 litres

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Computer Windows 10 operating system , Intel Core i7, 4 TB HD, R4G RAM, 24 inch monitor

Software Specifications ;

Software standard

- 1 . Password-protected login of the operator
- 2 . Automatic real-time display of the inspected vehicle
- 4 . High-density and low-density objects display feature
- 5 . Zoom in and pan functions(up to 8x), Black/white, color image, etc
- 6 . Ability to add and store marks and comments on the image to identify suspected objects
- 7 . Date and time stamp on the image
- 8 . Export to various image formats including BMP, JPEG, etc
- 9 . The system has a number of features to assist users analyze X-ray images, including contrast stretch, sharpening, smoothing, edge detection, noise reduction and pseudo-color, image review
- 10 . Linear measurements on the image to check the object size
- 11 . Auto Detect mode highlights suspicious objects allowing the operator to quickly analyze the images for concealed contraband.
- 12 . Can retrieve inspection records stored in the system database to review prior inspections at any time. The operator can select from a chronological list of inspections or search for inspections by date, license plate, comments, and other criteria

Optional function ;

1. Print image capability
2. License plate reader
3. Under vehicle image scanning
4. Radiation meter at the operating room
5. UPS
6. Plate Recognition Camera and Software

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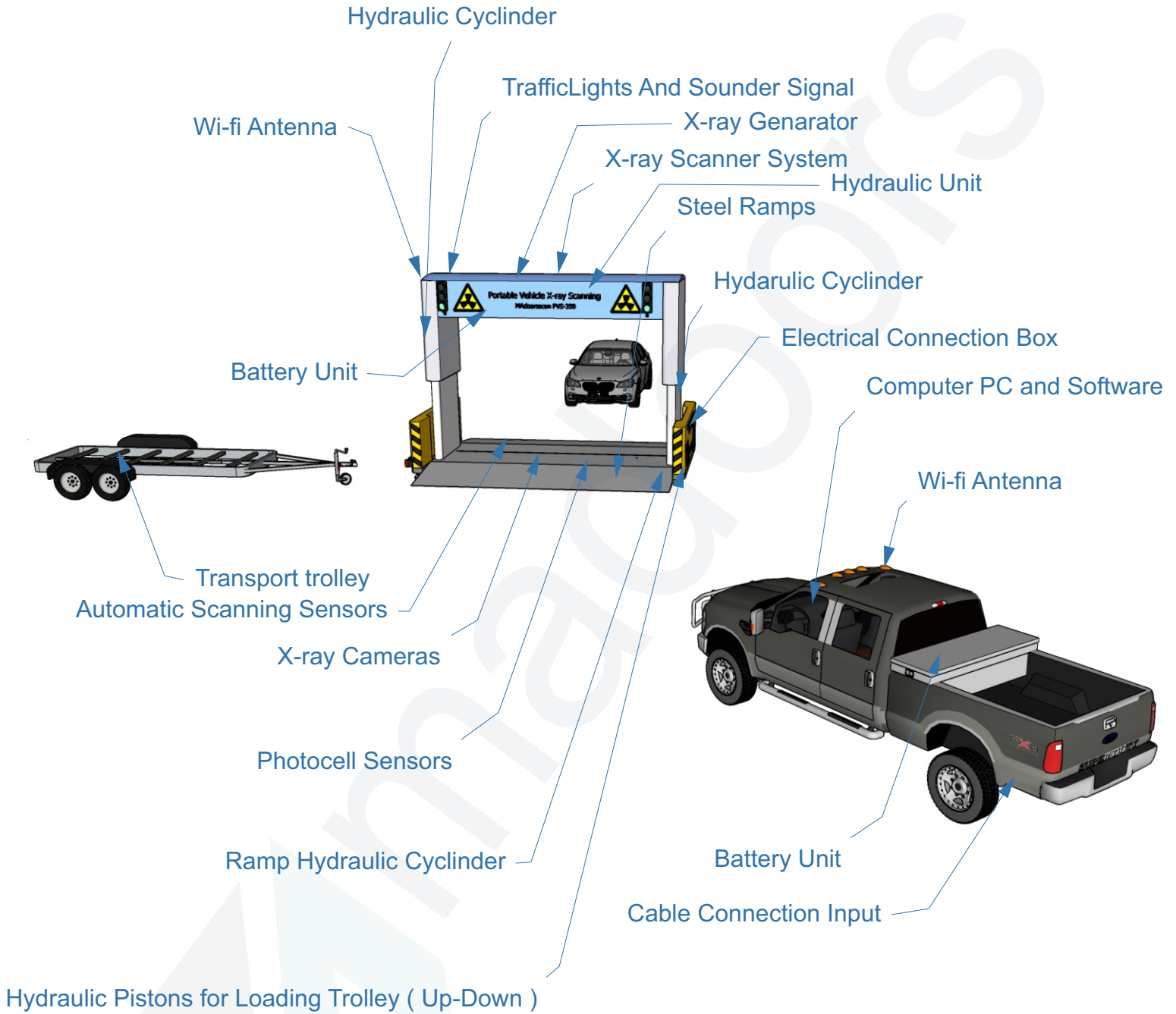




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