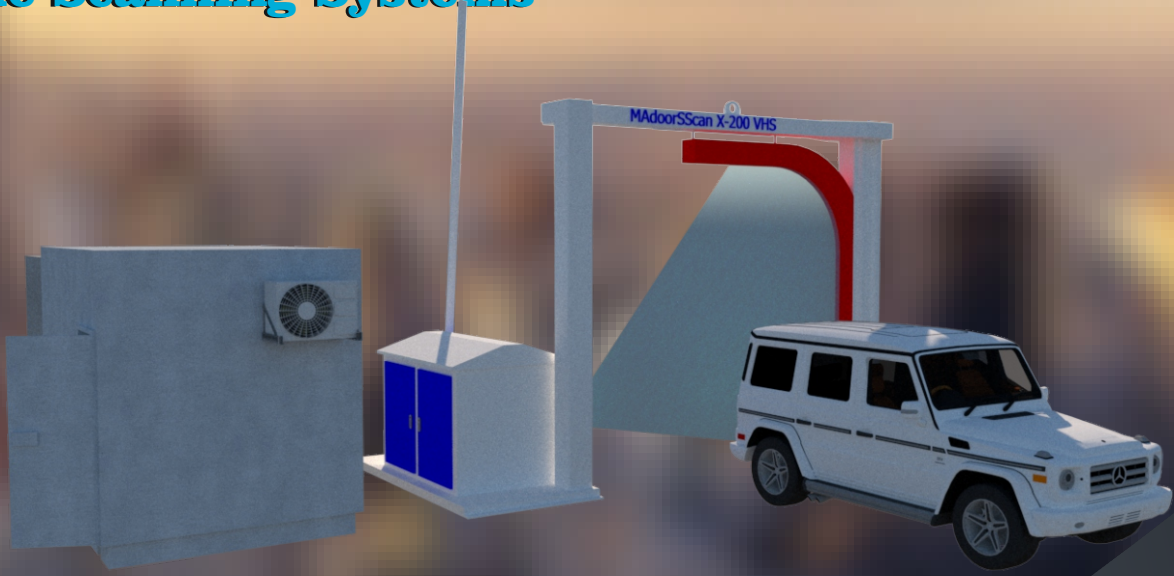


MAdoorSScan X-200 VHS Vehicle Scanning Systems



madoors
High Security
Barrier and Gate Systems

Our SERVICES



Technical Support

24 hours technical support service, Assembly and Installation possibility, Training support after installation, 2 years of uninterrupted warranty



Productivity

Suitable for continuous operation, Cooling system, Heating system, Minimum maintenance use product. The highest quality product among its competitors. The most reasonable price



Pro Marketing

Constantly increasing sales amount, Continuously increasing product range, Products suitable for the user, Features designed according to customer requests

Our X-200 VHS

The Occupied Car, Mini-Bus & Van Scanner is a flexible and effective solution for X-Ray screening passenger occupied vehicles with minimal effect on the continuous flow of traffic. Designed for inspection of vehicles for the detection of contraband, illegal drugs, persons, weapon and other dangerous objects.

Head office



00 90 312 354 64 22
00 90 530 174 30 56
www.madoors.com.tr
info@madoors.com.tr



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SCOPE OF APPLICATION

- Government Buildings and High-risk Entrances, Districts Institutions that offer
- VIP Security
- Border Gates
- Security Check Points
- Customs
- Military Base
- Dams , Power stations
- Oil Drilling Facilities
- Convention Centers etc.



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In today's world, we cannot take our safety for granted - security matters more than ever before. The smuggling of illicit items such as weapons, explosives, prohibited goods, and other contraband continues to be a very real threat and these threats are not only found in obvious locations such as airports and government buildings, but they are now becoming more prevalent in vehicles. In addition to border control, locations such as shopping centers, museums, and large sporting events are adopting vehicle inspection systems to keep their patrons safe.

At MAdoors System , we identify security needs and dedicate ourselves to creating the most innovative X-ray imaging systems in the world. We customize each system to fit your exact requirements and to adapt to your specific environment and we do so at a very competitive cost.

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FEATURES & BENEFITS

- Quick and efficient vehicle inspections
- Identify threats such as explosives, weapons, smuggled goods, and other contrabands
- Customizable for individual requirements
- Maximum image clarity using a 320kV generator
- Symmetrical downshooter beam direction provides excellent image quality without the distortion common to sideshooter systems
- Compact design and small footprint
- High throughput with up to 180 vehicles per hour, assuming there is a single operator and 20 second image analysis
- Steel penetration typically 60-65mm

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The Madoors X-200 VHS Vehicle Scanner is specifically designed to scan cars and motor vehicles with a height of 2.7 meters and a width of 2.6 meters. The X-200 VHS scans vehicles to identify hidden contraband, such as smuggled goods, explosives, narcotics and weapons. The X-200 VHS has a 320kV X-ray generator that allows the car scanner to operate as a drive-through portal, without the need to unload drivers and passengers. Its' easy process, automated operation and high throughput, reduce the need for manual inspection and locations experiencing high volume traffic will experience lower backlog and delays.

The X-200 VHS is an efficient and customizable solution for the protection and inspection of critical infrastructure locations such as government facilities, military checkpoints, sporting events, and land and sea borders. Several installation options are available: in-ground installation eliminating the need for a ramp, and a conveyor system for unmanned vehicles if a pull-through operation is preferred.

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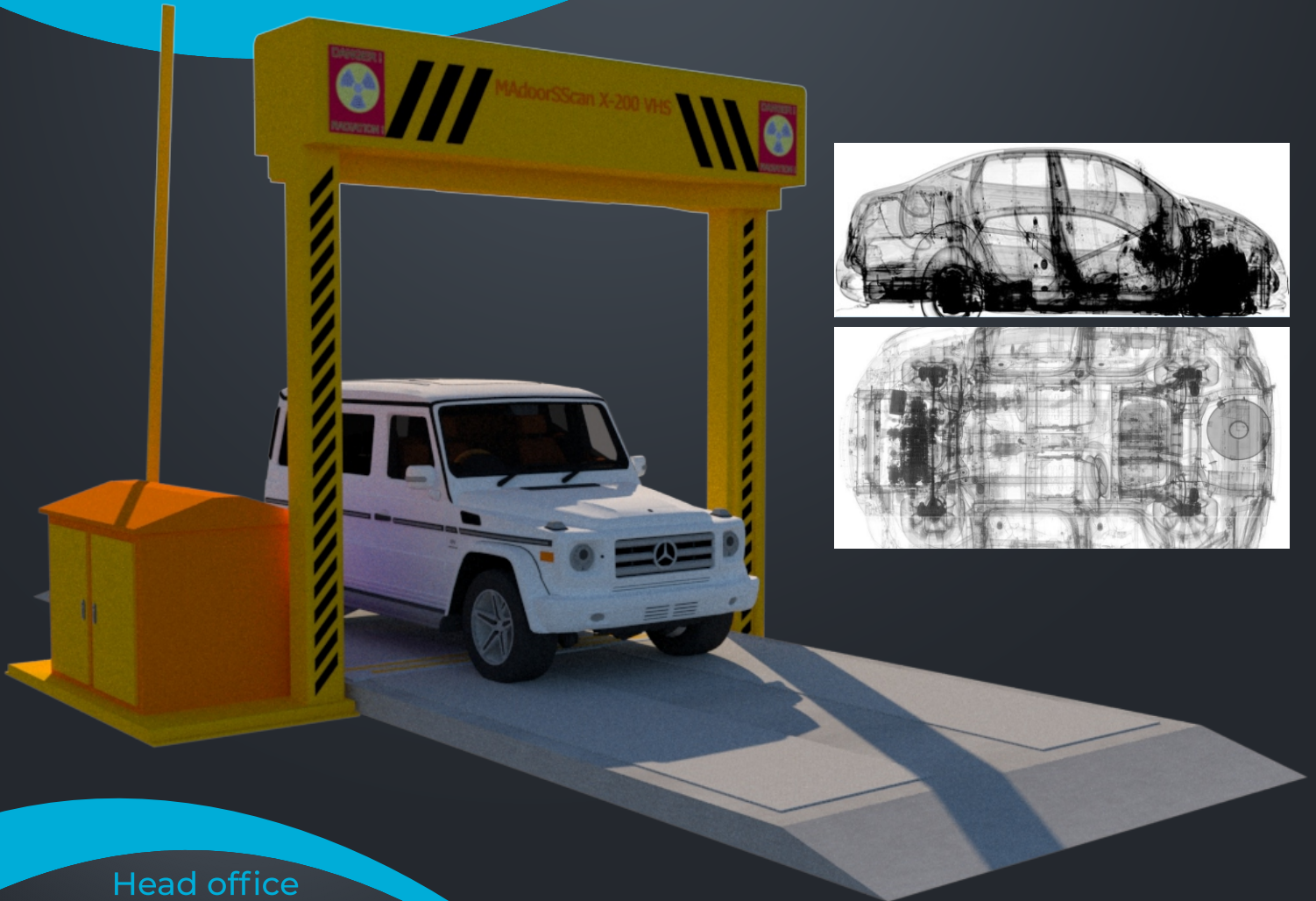


MAdoorSScan X-200 VHS Vehicle Scanning Systems



The Madoors X-200 VHS shoots its X-ray beams from above, symmetrically downward towards the car. The downshooter beam direction allows for a clear view around the wheels, fuel tank, battery, seats, glove compartment, etc. The X-200 VHS will penetrate more than 60 mm of steel. This is more than adequate for penetrating almost the entire vehicle. More importantly it allows for the better display of organic materials such as explosives, drugs, or agricultural products. An example of a scan from the X-200 VHS is shown here, and gives a comprehensive look into a vehicle. You can clearly identify the different parts of the car, making it much easier for operators to spot threats and contraband. Above is a representative image of a car scanned with a vehicle scanner that has its X-ray beams shooting from the side.

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GENERAL SPECIFICATIONS

- Tunnel Size: 305 cm x 320 cm
(W x H) 120" x 126"
- Max. Vehicle Size: 264.2 cm x 271.8 cm
(W x H) 104" x 107"
- Dimensions(excludes ramp): 561.3cmx284.5cmx490.9cm
(L x W x H) 221.0" x 112.0" x 193.3"
- Scanning Speed (drive through): Approx. 8 km/hour (5 mph)
- Insepction Throughput: Up to 225 vehicles / hour
- Steel Penetration: 60mm Typical

COMPUTER & VIDEO

- Processor: Intel® Core i7, 2.93 GHz, 8MB cache
- Memory: 4 GB RAM at 1333 MHz
- Storage: 500 GB HDD
- Video Card: 1 GB, Dual Digital Display
- Platform: Windows® OS
- Backup Backup: Uninterrupted Power Supply
(Computer Operation - 20 Minute)
- Display Type: Dual 27" LCD Color Monitors
- Display Resolution: Ultra HD3840 x 2160; 24 Bit/Pixel Color

X-RAY GENERATOR

- Voltage: 320kV
- Beam Direction: Symmetrically Downward
- Detector: 4096 Channels in a Symmetrical U-Shaped Array
- X-ray Dose (drive through): 0.13 μ Sv / inspection

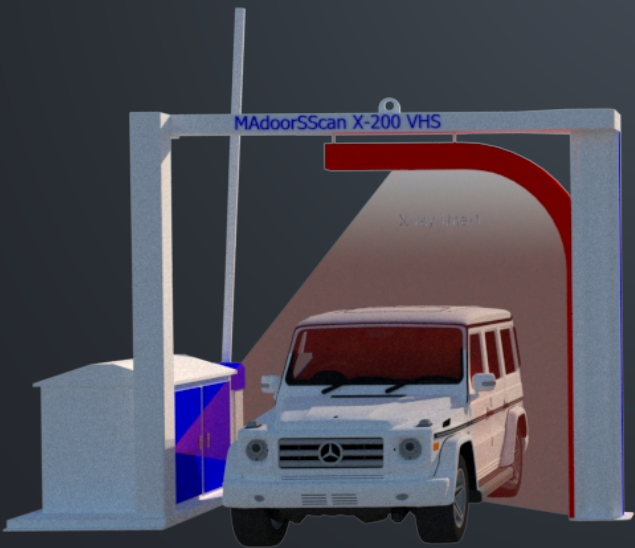
INSTALLATION DATA

- Operating Temperature: -20°C to 40°C / -4°F to 104°F
- Storage Temperature: -20°C to 60°C / -4°F to 140°F
- Humidity: Up To 95% Non-Condensing
- Power Requirements: Approx. 6.9 kVA
- Power Consumption: 1000 cm x 1000 cm (33 ft x 33 ft)
- Exclusion Zone:

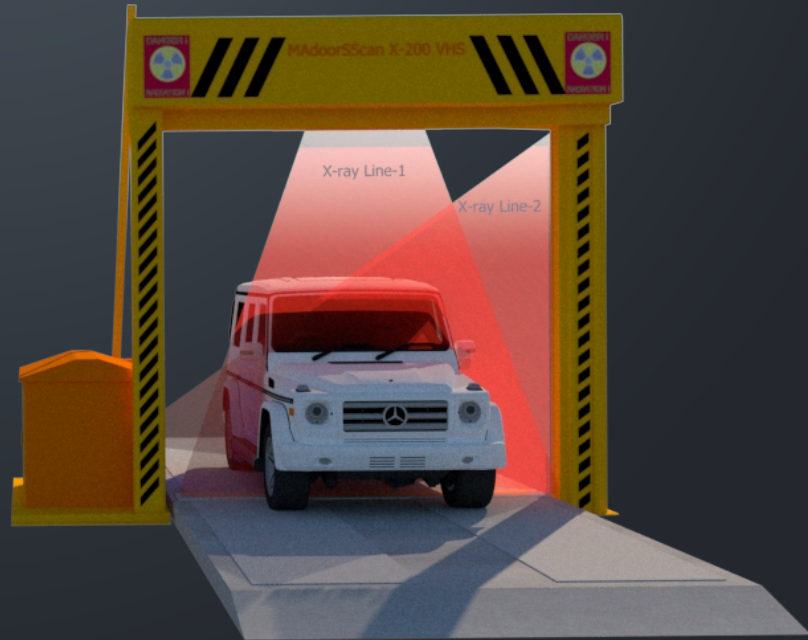
HEALTH AND SAFETY

- In compliance with ANSI 43.17 (Radiation Safety for Personnel Security Screening Systems using X-ray or Gamma Radiation), ICRP – 60 13-17 (International Commission on Radiological Protection), EU and US Guidelines

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Type.1. One X-ray Sensors



Type.2. Two X-ray Sensors

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STANDARD FEATURES

- Auto Image Archiving
- 9 Quadrant Zoom
- Color and Black / White Imaging
- Continuous Zoom
- High Penetration Function
- Image Annotation
- Image Review
- Inspection Workstation (up to 100m away from scan inspection area)
- Manual Bitmap Archive
- Material Discrimination
- Multi-Tier Accessibility
- Network Ready
- Organic/Inorganic Imaging
- Operator Training
- Picture Perfect
- Print Image Capable
- Pseudo Color
- Real-Time Image Manipulation
- Real-Time Self Diagnostics
- Reverse Monochrome
- Speedometer
- Vehicle Counter
- Vertical Zoom Panning

OPTIONAL FEATURES

- CCTV Camera System
- Climate Operating Kit*
(extend operating temperature range)
- Computer Based Training (CBT)
- Custom Paint
- Gate Inspection
- Inspection Office
- License Plate Reader
- Local Language Support
- Radiation Detection System
- Radiation Meter
- Ramp (no in ground installation necessary – capacity 3500 kg/7716 kbs)
- Remote Inspection Workstation
- Traffic Signals
- Under Vehicle Inspection Camera System

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