

RAPISCAN MOBILECHECK™ 636SV

Deploy mobile baggage and parcel inspection at any location.

Self-contained Mobile Screening
integrated Large Tunnel X-ray
Three Operational Modes
Rapid Deployment



The Rapiscan MobileCheck™ 636SV is a state of the art self-contained mobile X-ray screening unit with a large tunnel opening. With an innovative design the ability to rapidly deploy baggage and parcel inspection at any location with one complete unit is possible. The Rapiscan MobileCheck 636SV can be deployed and operated in three different modes, from either side of the van or in a pass through mode.

Tunnel Opening (width x height):
1,016 x 1,016 mm (40 x 40 in)

Standard Features

- Multi Energy Imaging (4 Color)
- View Previous/Next Bag
- Manual Image Archive
- Configurable Image Processing Keys
- Baggage Counter
- Date / Time Display
- Search Indicator
- UPS (Uninterrupted Power Supply)
- Remote Workstation
- Flat Panel Monitor

Standard Image Processing Functions

- Crystal Clear™
- Black and White
- Organic / Inorganic Stripping
- Inverse Video
- High Penetration
- Pseudo Color
- Low Penetration
- Variable Edge Enhancement
- Variable Color Stripping
- Variable Gamma
- Variable Density
- Dynamic Continuous Zoom & Panning
- Fixed Zoom (64x)

Automatic Detection of Explosives

Target™ automatically detects a wide range of explosives in real time during the scanning process by visibly highlighting a potential threat on the X-ray image.

Automatic Detection of Narcotics

NARCScan™ automatically detects a wide range of narcotics in real time during the scanning process by visibly highlighting a potential threat on the X-ray image.

Greatest Number of Operator-Assist Tools Enables Highest Throughput

With over 13 image processing tools and multiple automatic detection functions, the feature rich software helps the operator easily and accurately detect contraband for the highest throughput

and least operator fatigue.

Three Operational Modes

System can be deployed and operated from either side of the van or in pass through mode.

Optional Exterior Operation

Optional side mount and awning can be used to operate the system from outside the van.

Regulatory Compliance

Rapiscan 636SV image quality performance is in compliance with regulation (EC) No. 300/2008. In addition, Rapiscan 636SV Threat Image Projection (TIP) is in compliance with regulation (EU) No. 185/2010.



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Cabinet X-Ray Physical Specifications

Tunnel Size: 1,016 mm (W) x 1,016 mm (H) (40 x 40 in.)
 Conveyor Speed: 0.25 m/sec (49.2 ft./min)
 Conveyor Max Load: 165 Kg (364 lbs) evenly distributed
 Conveyor Height: 210 mm (8.3 in.)
 Approx. Weight Net: 896 Kg (1,975 lbs)

X-Ray Generator and Image Performance

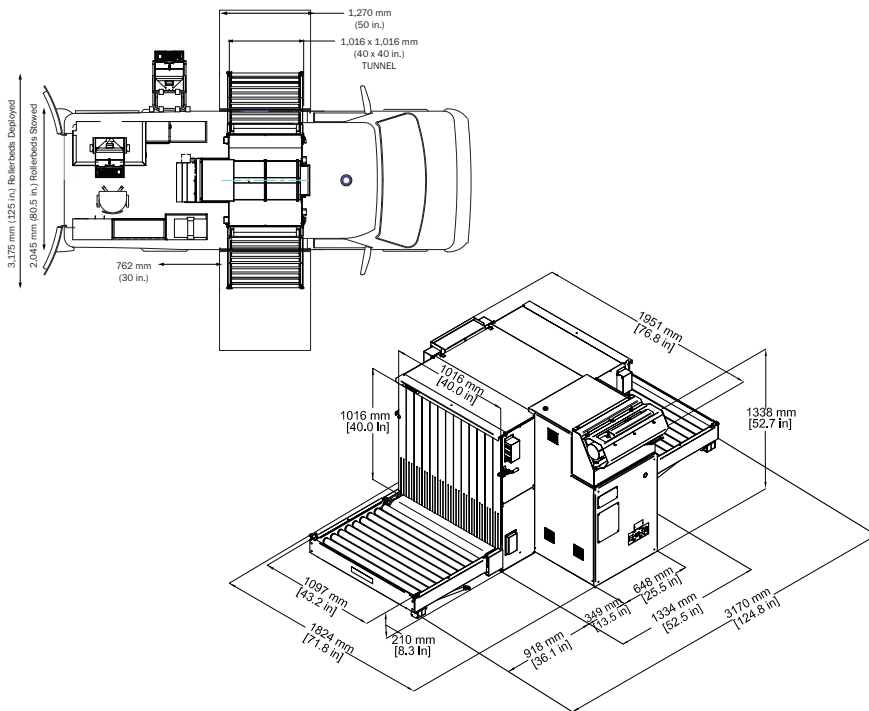
Steel Penetration: 27mm guaranteed; 29 mm typical
 Wire Resolution: 38 AWG guaranteed; 40 AWG typical
 Generator Cooling: Sealed oil bath with forced air
 Anode Voltage: Operating at 160KV
 Tube Current: 1.0 mA typical

Operating Environment

Storage Temperature: -20°C to 50°C
 Operating Temperature: 0°C to 40°C
 Relative Humidity: 5 to 95% non-condensing

Health & Safety

Rapiscan Systems Inc. cabinet x-ray products comply with all applicable US FDA and equivalent international regulatory agency requirements, contained in the cabinet x-ray radiation safety performance standard [21 CFR 1020.40] and the general performance standard [21 CFR Part 1010]. Rapiscan Systems Inc. certifies each cabinet x-ray product has a maximum radiation emission leakage of less 1 µSv/hr (0.1 mR/hr) measured 5 cm from all external surfaces of the cabinet x-ray system.



With continual development of our products Rapiscan Systems reserves the right to amend specifications without notice. Product pictures are for general reference. Please note that due to US laws and regulations, not all Rapiscan products are available for sale in all countries without restriction. Please contact your Rapiscan Systems sales representative for more information.

Options and Accessories

- Target™ / Interactive Target™
(Automatic detection of solid explosives)
- NARCSan™
(Automatic detection of narcotics)
- Density Threshold Alert (DTA)
- Threat Image Projection (TIP)
- Automatic Image Archiving
- Enhanced Image Archiving
- Computer Based Operator Training (CBT)
- Operator Training Program (OTP)
- Manual Scan
- Foot-mat
- External Workstation
- Awnings
- Generator Heating / Cooling Kit
- Air Conditioning
- Power Conditioner
- Printer
- Gamma Radiation Detector

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Rapiscan Systems is
 ISO 9001:2008 Certified

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