

RAPISCAN 632DV

Dual view technology and a heavy duty design for pallet and air cargo X-ray screening.

Advanced Cargo Screening

Dual-View Technology

Break Bulk and Pallet Cargo

Automatic Detection of Explosives and Narcotics



The Rapiscan 632DV is an advanced cargo and large parcel system designed for inspection of pallet and break bulk cargo screening. The Rapiscan 632DV tunnel opening of 1,500 mm x 1650 mm, automatic detection of explosives, dual view technology, and superior image quality allows high throughput of screened objects.

The Rapiscan 632DV has been approved and included on the U.S. TSA Air Cargo Screening Technology List (ACSTL) applicable to U.S. TSA Certified Cargo Screening program (CCSP) as well as the Qualified Equipment and Services Lists applicable to the Transport Canada (TC) Air Cargo Security Program (ACS).

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

NARCSan™ 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.

Meeting Today's Most Stringent Global Requirements

Rapiscan 632DV meets the most rigorous detection and image quality requirements as set by the U.S. Transportation Security Administration (TSA), U.K. Department of Transport (DfT), French civil aviation authority (STAC) and Transport Canada (TC).

Regulatory Compliance

Rapiscan 632DV image quality performance is in compliance with regulation (EC) No. 300/2008. In addition, Rapiscan 632DV Threat Image Projection (TIP) is in compliance with regulation (EU) No. 185/2010.

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.

Dual View Advanced Technology

Government regulators including U.S. Transportation Security Administration (TSA) require dual view technology for screening objects. Rapiscan dual view systems are able to produce two (2) separate simultaneous images from perpendicular orientations providing a more complete image, reducing the need for repositioning and rescanning and enabling rapid, accurate and comprehensive threat detection.

Tunnel Opening (width x height):
1,537 x 1,650 mm (60.5 x 65.0 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)



Rapiscan[®]
systems
An OSI Systems Company

www.rapiscansystems.com

RAPISCAN 632DV

Physical Specifications

Dimensions:	Length: 7,788 mm (306.6 in.) Width: 2,816 mm (110.9 in.) Height: 3,331 mm (131.1 in.)
Tunnel Size:	1,537 mm (60.5 in.) X 1,650 mm (65.0 in.)
Conveyor Speed:	0.20 m/sec (39.4 ft./min)
Conveyor Load:	3,000 Kg (6,614 lbs) evenly distributed at 230 V 1,500 Kg (3,307 lbs) evenly distributed at 115 V
Conveyor Height:	345 mm (13.6 in.)
Approx Weight:	Net: 4,823 Kg (10,633 lbs)
System Power:	115/230 VAC $\pm 10\%$, 60/50Hz

X-Ray Generator and Image Performance*

Steel Penetration:	45 mm guaranteed, 50 mm typical
Wire Resolution:	38 AWG guaranteed, 40 AWG typical
Material Separation:	Low Z, Medium Z, High Z to 0.5 Z accuracy
Cooling:	Sealed oil bath with forced air
Anode Voltage:	Operating at 200kV
Tube Current:	1.0 mA
Orientation:	Vertically Downward and Horizontal

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' 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 certifies each cabinet X-ray product has a maximum radiation emission leakage of less 1 μ Sv/hr (0.1 mR/hr) from all external surfaces of the cabinet X-ray system.

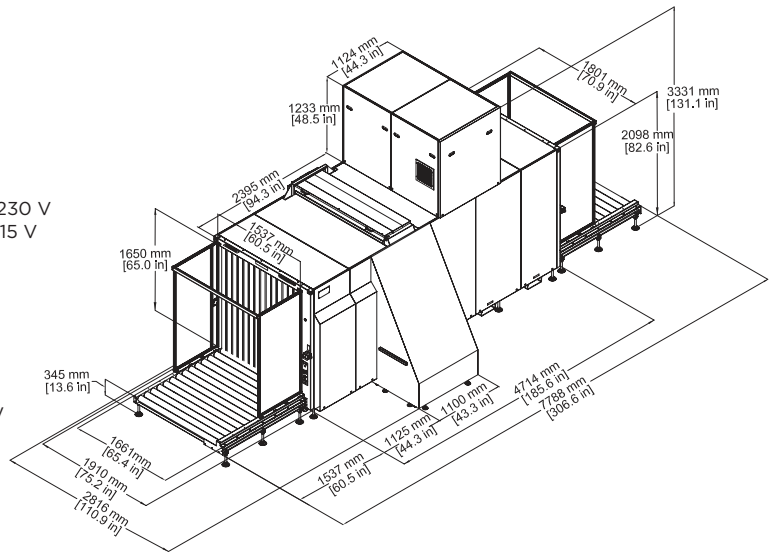
Options and Accessories

Target™ / Interactive Target™
(Automatic detection of solid explosives)
NARCSan™
(Automatic detection of narcotics)
Density Threshold Alert (DTA)
Threat Image Projection (TIP)
Threat Image Projection Network (TIPNet)
NETView™
(Remote network image archive review)
NEXLink™
(Advanced network X-ray management automation and link system)
Multi-System Alarm Resolution Network Display Station (NDS)
Automatic Image Archiving
Enhanced Image Archiving

Computer Based Operator Training (CBT)
Operator Training Program (OTP)
Manual Scan
Foot-mat
Optical Operator Presence Sensor
SmartCard Login
Power Conditioner
Conveyor Accessories
Universal Printer Support

*Stated performance as measured by Rapiscan Imaging Validation Test Kit.
Stated Dual View performance as measured in primary view.

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.



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Rapiscan Systems is
ISO 9001:2008 Certified

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