ADVANCED TECHNOLOGY FOR A SAFER WORLD

RAPISCAN 632DV

Large Parcel and Cargo Screening System

- ADVANCED CARGO SCREENING
- DUAL VIEW TECHNOLOGY
- BREAK BULK AND PALLET CARGO
- DETECTION OF EXPLOSIVES & NARCOTICS ALERT

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, detection of explosives and narcotics alert, 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) and the Transport Canada (TC) Air Cargo Security Program (ACS).

Automatic Detection of Explosives and Narcotics Alert

Target™ and NARCScan™ are designed to assist operators in the detection of a range of explosives and narcotics respectively in real time during the scanning process by marking a potential threat on the X-ray image. Rapiscan detection algorithms are based on regulatory material analysis techniques.

Regulatory Compliance

Rapiscan 632DV performance is in full compliance with the European Union regulations (EC) No. 300/2008, (EU) No. 2015/1998 and Commissions Decision C (2015)8005 for aviation security.

Ease of Use Providing Highest Throughput

With over 13 image processing tools and detection alert algorithm functions, the feature rich software allows the operator to more easily and accurately search for contraband.

Dual View Advanced Technology

As mandated by US and EU regulators, the 632DV utilizes a dual-view technology which produces two simultaneous images (vertical and horizontal views) of the scanned object. It provides a more complete image, thereby reducing the need for repositioning and rescanning and enabling rapid, accurate and comprehensive threat detection.

DARC Alarm

Rapiscan's proprietary detection algorithm that detects areas of high density while screening air cargo. Rapiscan collaborated closely with the U.K. Department for Transport to create DARC alarm and jointly executed the necessary test trials to verify the effectiveness of the DARC Alarm algorithm.

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)
- Multi Language Support
- 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)

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RAPISCAN 632DV

Physical Specifications

Dimensions:	Length: 306.6 in. (7,788 mm) Width: 110.9 in. (2,816 mm) Height: 131.1 in. (3,331 mm)
Tunnel Size:	60.5 (W) x 65.0 in. (H) (1,537 mm x 650 mm)
Conveyor Speed:	39.4 ft./min (0.20 m/sec)
Conveyor Load:	3.307 lbs (500 Kg) evenly distributed at 115V
Conveyor Height:	13.6 in. (345 mm)
Approx Weight:	Net: 10,633 lbs (4,823 Kg)
System Power:	115/230 VAC ±10%, 60/50Hz

X-Ray Generator and Image Performance*

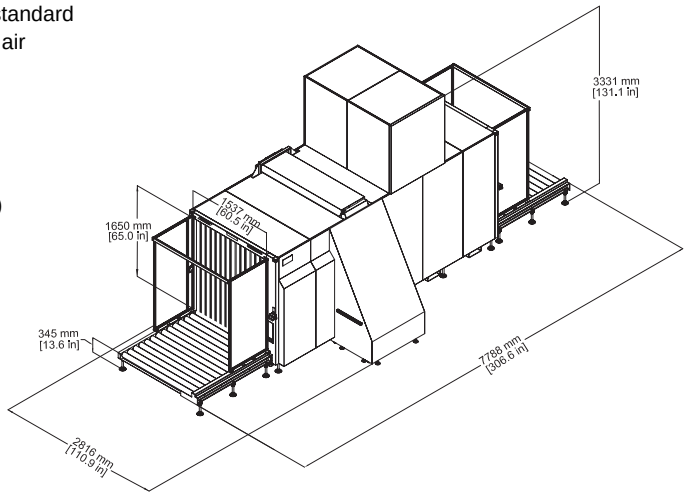
Steel Penetration:	50 mm typical, 45 mm standard
Wire Resolution:	40 AWG typical, 38 AWG standard
Cooling:	Sealed oil bath with forced air
Anode Voltage:	Operating at 200KV
Tube Current:	1.0 mA
Orientation:	Vertical and Horizontal

Operating Environment

Storage Temperature:	-4° to 122°F (-20° to 50°C)
Operating Temperature:	32° to 104°F (0° to 40°C)
Relative Humidity:	5 to 95% non-condensing

Protection Class

System:	IP20
Operator Control Panel:	IP43[2]



Regulatory

- TSA Air Cargo Screening Technology List (ACSTL) Qualified
- Transport Canada (TC) Air Cargo Qualified
- Regulation (EC) No. 300/2008 Compliant
- Regulation (EU) No. 2015/1998 Compliant
- EU Commissions Decision (EU) C(2015)8005 Compliant
- French Civil Aviation Authority (STAC) Certified

Health and Safety

Rapiscan Systems' cabinet X-ray products comply with all applicable U.S. 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] as well as IEC standard 61010-2-091.
Rapiscan baggage and parcel inspection systems radiation emission leakages are well below the required regulatory limits with less than 1µSv/hr at 10 cm from all surfaces of cabinet X-ray.

Options and Accessories

- Target™ / Interactive Target™ (Automatic detection of solid explosives)
- NARCScan™ (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
- Operator Training Program (OTP)
- Manual Scan
- Foot-mat
- Optical Operator Presence Sensor
- SmartCard Login
- Power Conditioner
- Conveyor Accessories
- Remote Workstation
- Universal Printer Support

**Stated performance as measured by Rapiscan Imaging Validation Test Kit. Stated Dual View performance as measured in primary view.*
***Please request from your local sales representative for the kit specific part numbers when ordering aLEXis™.*

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