

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

DETECTION OF EXPLOSIVES AND
NARCOTICS ALERT

STANDARD FEATURES

- Full Spectrum Imaging
- View Previous/Next Bag
- 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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Tunnel Opening (width x height):
1,537 x 1,650 mm (60.5 x 65.0 in)

THE 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 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).

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

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

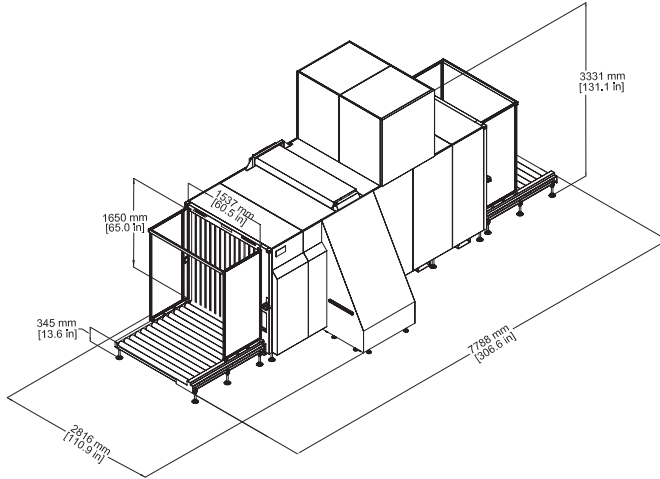
Rapiscan's proprietary detection algorithm that detects areas of high density while screening air cargo. Rapiscan collaborated closely with the U.K. Department for Transport to create DARC alarm and jointly executed the necessary test trials to verify the effectiveness of the DARC Alarm algorithm.



632DV

Rapiscan® systems

An OSI Systems Company



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 (Max):	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.)
Weight (Approx.):	Net: 4,823 Kg (10,633 lbs)
System Power:	115/230 VAC ±10%, 60/50Hz

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

X-RAY GENERATOR AND IMAGE PERFORMANCE¹

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:	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

PROTECTION CLASS

System:	IP20
Operator Control Panel:	IP43 ²

HEALTH & 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 1 µSv/hr at 10 cm from all surfaces of cabinet X-ray.

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OPTIONS AND ACCESSORIES

- Explosive Detection Alert (Target™)
- Narcotics Detection Alert (NARCScan™)
- Density Threshold Alert (DTA)
- Threat Image Projection (TIP)
- Threat Image Projection Network (TIPNet)
- Remote Image Archive Review (NETView™)
- Network X-ray management automation and link system (NEXLink™)
- Multi-System 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
- Universal Printer Support

¹ Stated performance as measured by Rapiscan® Imaging Validation Test Kit.

² With optional replaceable cover.

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.



Certified to
AS9100C



Rapiscan Systems is AS9100C:2009 and
ISO 14001:2004 + Cor. 1:2009 Certified

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