

DUAL VIEW TECHNOLOGY, EASY LOADING CONVEYOR AND LARGE TUNNEL FOR X-RAY SCREENING OF LARGE BAGGAGE AND SMALL CARGO.

LARGE PARCEL AND SMALL CARGO SCREENING

DUAL VIEW TECHNOLOGY

EASY LOADING CONVEYOR

HIGH IMAGE QUALITY FOR COMPLEX PARCELS

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):
1,000 x 1,000 mm (39.4 x 39.4 in)

WITH A LARGE TUNNEL OPENING OF AND A LOW CONVEYOR, THE 628DV IS DESIGNED FOR SCREENING SMALL CARGO AS WELL AS BAGGAGE AND LARGE PARCELS FOR AIR CARGO, CUSTOMS, CRITICAL INFRASTRUCTURE PROTECTION AS WELL AS AVIATION CHECK-IN SCREENING APPLICATIONS.

With a 1,000 mm wide by 1,000 mm high tunnel opening, the 628DV meets the most stringent requirements of multiple global regulatory requirements.

The 628DV 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

628DV 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

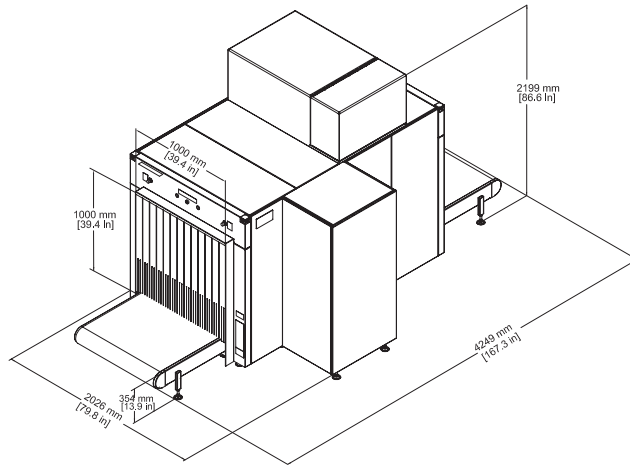
As mandated by US and EU regulators, the 628DV utilizes a dual-view technology which produces two simultaneous images (vertical and horizontal views) of the scanned object. It provides a more complete image, thereby reducing the need for repositioning and rescanning and enabling rapid, accurate and comprehensive threat detection.



628DV

Rapiscan[®] systems

An OSI Systems Company



PHYSICAL SPECIFICATIONS

Dimensions:	Length: 4,249 mm (167.3 in.) Width: 2,026 mm (79.8 in.) Height: 2,199 mm (86.6 in.)
Tunnel Size:	1,000 mm (W) x 1,000 mm (H) (39.4 x 39.4 in.)
Conveyor Speed:	0.20 m/sec (39.4 ft./min)
Conveyor Load (Max):	200 Kg (441 lbs) evenly distributed
Conveyor Height:	354 mm (13.9 in.)
Weight (Approx.):	Net: 1,772 Kg (3,907 lbs)
System Power:	115/230 VAC ±10%, 60/50Hz

X-RAY GENERATOR AND IMAGE PERFORMANCE¹

Steel Penetration:	30 mm typical; 28 mm standard
Wire Resolution:	40 AWG typical; 38 AWG standard
Generator Cooling:	Sealed oil bath with forced air
Anode Voltage:	Operating at 160kV
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

- Explosives 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
- Remote Workstation
- 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
AS/NZS 1000



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

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