Rapiscan 632DV

Rapiscan®
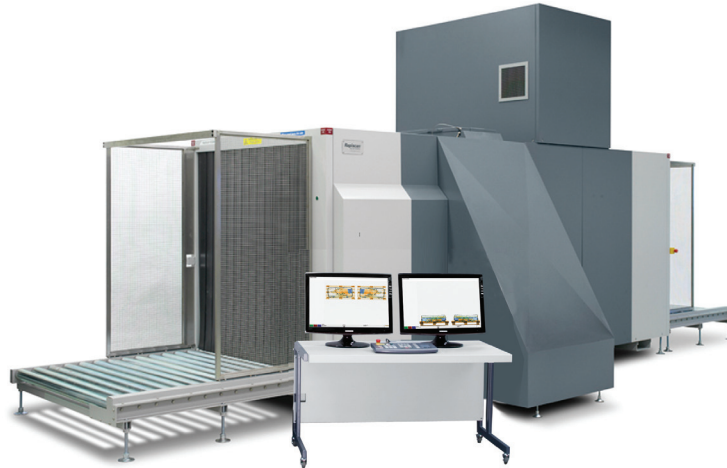**s y s t e m s**

An OSI Systems Company

BAGGAGE AND PARCEL INSPECTION

Advanced Cargo Screening

Dual-View Technology

Break Bulk and Pallet Cargo

Network Enabled

The **Rapiscan 632DV** (Dual-View) is an advanced small cargo and large parcel screening system designed for pallet and break bulk cargo screening. It comes with a 1,500 mm (59.1 inches) wide by 1,650 mm (65.0 inches) high tunnel opening and uses innovative dual-view technology to generate a horizontal and vertical view of the object under inspection. By providing two perpendicular views, the Rapiscan 632DV provides a more complete perspective of scanned items, regardless of their orientation in the X-ray system. This reduces the need to reposition and re-scan parcels, thereby improving detection and throughput.

Like all systems in the 600 series family of X-ray scanning solutions, the Rapiscan 632DV is built on a standardized platform that makes it easy to install and maintain, and comes with features such as a dual-energy detection, a streamlined, ergonomic design, and Rapiscan's feature-rich OS600 system software.

CUSTOMER SUPPORT SERVICES

Our team is dedicated to providing a prompt, effective and personalized response that exceeds your expectations. With spare parts inventory and skilled technicians all over the world, you can be certain Rapiscan Systems will always be prepared with a solution to address your requirements. By measuring response time, parts delivery and support status, our team embraces a customer focused philosophy to ensure continual improvement in customer support, products and services.

Feature & Option Highlights

OS600 System Software: Rapiscan's OS600 software provides an intuitive Graphical User Interface with improved image quality as well as advanced networking capabilities.

Threat Image Projection (TIP): TIP inserts digital threat images at configurable frequencies into the regular flow of parcels. TIP is the preferred operator performance measurement and training method used by regulatory agencies worldwide.

Threat Image Projection Network (TIPNET): TIPNET is a secure, high speed network that links all TIP enabled systems to a central station.

Target: Target™ is Rapiscan's innovative automatic threat and contraband detection technology. Target's software algorithms search X-ray images for targeted materials by analyzing the mass, size and atomic number of items in the image.

Operator Training Program (OTP): OTP is an easy-to-use software application that helps users learn key system features and functionality.

Density Threshold Alert (DTA): DTA generates a visible alarm when an imaged object exceeds a user-specified density threshold.

ONE COMPANY - TOTAL SECURITY

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BAGGAGE AND PARCEL INSPECTION

PHYSICAL SPECIFICATIONS

Dimensions:	Length: 7,788 mm (307 in)
	Height: 3,321 mm (131 in)
	Width: 2,820 mm (111 in)
Tunnel Size:	1,650 mm (65 in) X 1,500 mm (61 in)
Max. Object Size:	1,540 mm (61 in) X 1,450 mm (57 in)
Conveyor Speed:	0.20 m/sec (39.4 ft./min)
Conveyor Max Load:	3,000 Kg (6,614 lbs) evenly distributed at 220 V
	1,500 Kg (3,307 lbs) evenly distributed at 110 V
Conveyor Height:	285 mm (11 in)
Approx Weight:	Net: 3,656 Kg (8,043 lbs)
System Power:	115/230 VAC +/- 10% / 60/50Hz

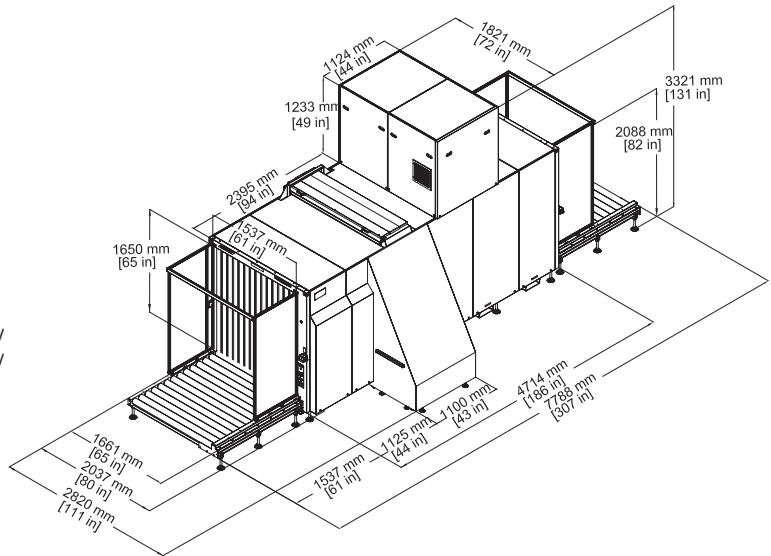### X-RAY GENERATOR AND IMAGE PERFORMANCE

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

HEALTH & SAFETY

All Rapiscan Systems products comply with applicable international health and safety regulations including USA FDA X-ray systems (Federal Standard 21CFR 1020.40) and Health and Safety at Work Act 1974-section 6, Amended by the Consumer Protection Act 1987. Maximum leakage radiation less than 0.1Mr/hr (1µ Sv/hr) in contact with outer panels. (FDA Compliance applies to systems configured with an operator presence device.)

SAFETY Act Certified

ISO 9001:2000 Certified

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With continual development of our products Rapiscan Systems reserves the right to amend specifications without notice.

STANDARD FEATURES	OPTIONS AND ACCESSORIES
Multi Energy Imaging (4 Color)	Threat Image Projection (TIP)
Crystal Clear	Target
Black and White Viewing	Interactive Target
Organic / Inorganic Stripping	Density Threshold Alert (DTA)
Inverse Video	Operator Training Program (OTP)
High Penetration	Manual Scan
Variable Edge Enhancement	Automatic Image Archiving
Variable Color Stripping	Network Display Station (NDS)
Variable Gamma	Power Conditioner
Variable Density Zoom	Foot-mat
Zoom (to 64x)	Rollerbed Accessories
View Previous Bag	
Manual Image Archive	
Configurable Image Processing Keys	
Baggage Counter	
Date / Time Display	
Search Indicator	
UPS (Uninterrupted Power Supply)	
Remote Workstation	
Flat Panel LCD Monitor	

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