RAPISCAN MVXR5000

Multi view X-ray imaging for high speed checked baggage, mail and parcel and complex customs applications.

Multi-View, Dual Energy

Flexible, Cost Effective

High Speed Automatic Detection

Industry-Leading Analysis Time

Shown with Optional Air Conditioner

High Speed Automatic Detection to Meet Global Regulations

The Rapiscan MVXR5000 multi-view dual-energy X-ray system with 5 high quality images offers advanced automated explosives detection with low false alarm rates.

100% Level 1, 2, and 3 Baggage Screening

100% baggage screening is accomplished by the high speed throughput, up to 1800 bags per hour, and accurate automated explosives detection (level 1) capabilities of the Rapiscan MVXR5000. This high throughput is matched with gigabit data transfer capabilities allowing near-real time suspicious bag analysis by a networked group of remote operators (level 2). Remote operator analysis is aided by the identification of the potential threat item(s) by the automated detection algorithms. Images can also then be transmitted to the manual inspection stations (level 3) as a search aid, or images can be sent to supervisor workstations for additional analysis.

Advanced Fast Detection Algorithms

Fast reconstruction and detection algorithms use the 5 views of high resolution dual-energy images to detect the full range of explosive threats. By determining the presence and position of a threat based upon context, material density, size and effective atomic number the multiple views allow optimal performance for the detection of materials in configurations typically difficult to detect.

Industry-Leading Analysis Time

The MVXR5000 combines high throughput with industry-leading image analysis resulting in less bags being diverted to level 3 and more bags exiting on time.

Robust Design

The Rapiscan MVXR5000 has multiple layers of network redundancy designed to ensure the highest levels of system availability and fail-safe operation for the most demanding aviation security environments.

Tunnel Opening (width x height): 1,003 x 802 mm (39.5 x 31.6 in)

Product Highlights

Fast advanced baggage reconstruction and explosives detection algorithms

HBS class-leading high quality X-ray images and low false alarm rates

5-view dual-energy technology

Built-in flexible system configuration, to fit into any security architecture

Robust design, to meet the highest system availability requirements

Modular chassis design allows for installation flexibility

Standard Features

Windows User Interface

Network Ready

Dual Energy Imaging

High & Low Penetration

Black and White Viewing

Organic Material View

Inorganic Material View

Up to 8X Panning Zoom

Variable Gamma

Baggage Counter

Date/Time Display

Tunnel Covers

20" Flat Screen LCD

Crystal Clear

EU EDS STANDARD 2

Rapiscan®
systems
An OSI Systems Company

www.rapiscansystems.com

RAPISCAN MVXR5000

Part Number 2010659-7

Specifications

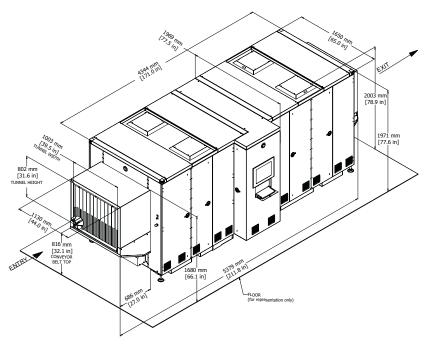|	
Throughput:	up to 1800 BPH
X-ray voltage:	170KV (each transmission X-ray generator, qty 3)
Maximum machine dimensions:	Length: 5,379 mm (211.8 in.) Width: 1,969 mm (77.5 in.) Height: 2,003 mm (78.9 in.)
Mass of machine:	<5000kg
Speed of conveyor belt:	0.5m/sec continuous
Maximum bag dimensions:	2500 mm (L) X 990 mm (W) X 750 mm (H)
Maximum individual bag mass:	50 kg
Electrical power requirements:	400 Volts (3-phase) <5 kW peak power
Number of X-ray generators:	3 transmission X-ray generators (5 views total)
Typical automated decision time:	3 seconds, avg
Ambient limitations:	Storage: -20°C - 50°C Operating: -10°C - 40°C Humidity: 10 - 80% non-condensing
Image quality:	STP Compliant in at least 3 views

Options and Accessories

Automatic Image Archiving

Operator Workstation Desk

Powered In Feed Conveyor

Exit Roller Table

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.

Rapiscan® systems
An OSI Systems Company

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Rapiscan Systems is
ISO 9001:2008 Certified

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