



## RAPISCAN 638 DV

### BAGGAGE AND PARCEL INSPECTION

- Advanced cargo screening
- Dual View Technology
- Pallet cargo
- Network enabled
- Cost effective

### 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 bags. 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.



**The Rapiscan 638DV (Dual View) is an advanced small cargo and large parcel screening system designed for large pallet cargo screening.**

It comes with a 1,800 mm (70.9 inches) wide by 1,800 mm (70.9 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 638DV 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 638DV 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.



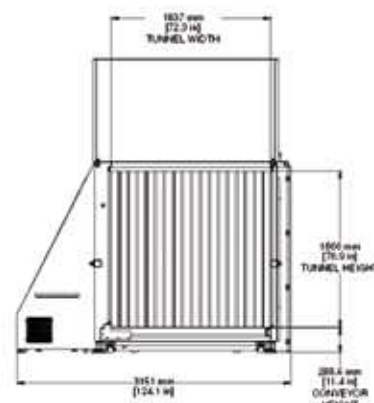
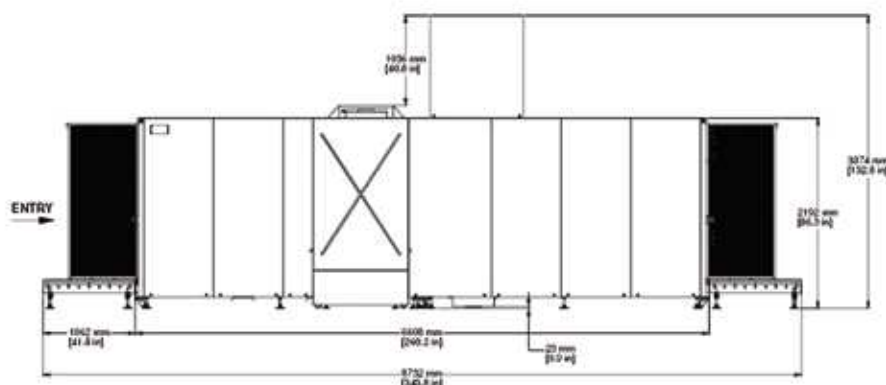
THE **SAFETY** REFLEX





# HTDS

Hi-Tech Detection Systems



## PHYSICAL SPECIFICATIONS

### Dimensions:

Length: 8,732 mm (343.8 in.)

Height: 3,374 mm (132.8 in.)

Width: 3,151 mm (124.1 in.)

### Tunnel Size:

1,800 mm (W) x 1,800 mm (H) (70.9 x 70.9 in.)

### Conveyor Speed:

0.10 to 0.20 m/sec (19.7 to 39.4 ft./min)

### Conveyor Max Load:

3,000 Kg (6,613.9 lbs) evenly distributed

### Conveyor Height:

288 mm (11.4 in.)

### Approx Weight:

Net: 5,330 Kg (11,750.6 lbs)

### System Power:

115 VAC +/- 10% @ 60 Hz  
or 230 VAC +/- 10% @ 50 Hz

## 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:

1.2 mA

### Orientation:

Vertical 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

## SAFETY Act Certified



ISO 9001:2000 certified

## STANDARD FEATURES

Multi Energy Imaging (4 Color)

Crystal Clear

Black and White Viewing

Organic / Inorganic Stripping

Inverse Video

High Penetration

Variable Edge Enhancement

Variable Color Stripping

Variable Gamma

Variable Density Zoom

Zoom (to 64x)

View Previous Bag

Manual Image Archive

Configurable Image Processing Keys

Baggage Counter

Date / Time Display

UPS (Uninterrupted Power Supply)

Foot-Mat

Remote Workstation

## OPTIONS & ACCESSORIES

Threat Image Protection (TIP)

Target

Interactive Target

Density Threshold Alert (DTA)

Operator Training Program (OTP)

Manual Scan

Automatic Image Archiving

Network Display Station (NDS)

Smart Card Login

Power Conditioner

Conveyor Accessories

## HTDS

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## Partner

**Rapiscan**  
systems

An OSI Systems Company