

Rapiscan 628DV

Rapiscan[®]
systems

An OSI Systems Company

BAGGAGE AND PARCEL INSPECTION

Dual View

High Throughput

Large Tunnel

Complex Parcels



The dual energy Rapiscan 628DV (Dual View) provides a horizontal and vertical view of the object under inspection to improve throughput and object discrimination. These two perpendicular views provide a complete perspective of complex parcels regardless of their orientation in the X-ray system. Dual view technology eliminates the need for screeners to reposition and re-scan parcels in high security environments.

The dual energy 628DV provides automatic color coding of materials with different atomic numbers so that screeners can easily identify objects within the parcel.

The RAP 628DV has a large tunnel opening of 1,000mm wide by 1,000mm high.

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 centric philosophy to ensure continual improvement of our 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 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.



BAGGAGE AND PARCEL INSPECTION

PHYSICAL SPECIFICATIONS

Dimensions: Length 4,000mm
Height 2,000mm
Width 2,000mm
Tunnel Size: 1,000mm(W) x 1,000mm(H)
Conveyor Speed: 0.2m/sec (12 m/min)
Conveyor Load: 165kg evenly distributed
Conveyor Height: Min. 266mm
Approx Weight: 1,580kg
System Power: 220 VAC +/- 10% / 60Hz / 5Amps Max
Unit is mounted on heavy duty casters for ease of movement
Folding conveyors for easy movement.

X-RAY IMAGE PERFORMANCE

Resolution: 38 AWG typical
Penetration: 28mm steel guaranteed, 29mm typical
Material Separation: Low Z, Medium Z, High Z to 0.5 Z accuracy

X-RAY GENERATOR

Cooling: Sealed oil bath with forced air
Anode Voltage: 170KV rated, operating @ 160KV
Tube Current: 1mA , operating @ 0.8mA
Orientation: Vertical and Horizontal

COMPUTER SPECIFICATIONS

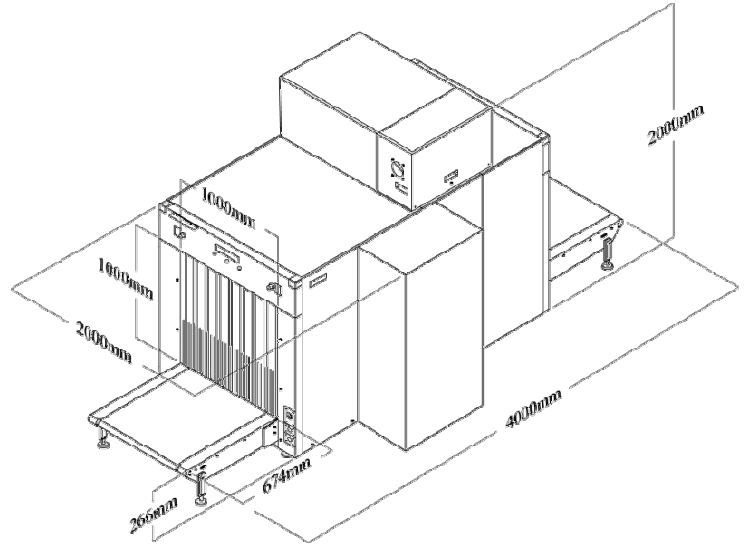
Processor Speed: Intel Pentium® 4 Processor (3.4GHz)
Memory: 2GB
Video Memory: 256MB
Hard Disk Drive : 160GB
CD-ROM Drive: DVD Compatible
USB Port: Yes
Access to keyboard port and parallel port is provided by means of a lockable access panel on the outside of the machine.

OPERATING ENVIRONMENT

Storage Temperature: -20°C ~ 50°C
Operating Temperature: 0°C ~ 40°C
Relative Humidity: 5 to 95% non-condensing

HEALTH AND SAFETY

All Rapiscan systems 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. Film Safety: For ISO 1600/33 DIN, guaranteed up to 10 times exposure to radiation. CE Compliance : Yes FCC & IEC Compliance : Yes
With continual development of our products Rapiscan Systems reserves the right to amend specifications without notice.



STANDARD FEATURES	OPTIONS
Crystal Clear™	Power Conditioner
Multi Energy Imaging (4 color)	Conveyor Accessories
Variable Edge Enhancement	Tunnel Covers
High/Low Penetration	UPS (Uninterrupted Power Supply)
Variable Gamma	Automatic Image Archiving
Inverse Video	Network Display Station (NDS)
Pseudo Color	*compatible with one view only
Variable Density Zoom	
Organic/Inorganic Stripping	Operator Training Program
Black and White Viewing	*compatible with one view only
Variable Color Stripping	
Zoom	
View previous bag	
Manual Image Archiving	
Baggage Counter	
Search Indicator	
Date/Time display	
Full diagnostic built in test facility	

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