

RAPISCAN RTT™ 110

Breakthrough CT screening technology with a high return on investment.

Class-Leading High Resolution 3D X-Ray Images

Scanning Speed of 0.5 meters per second

Flexible System Configuration for Easy Integration

Lowest Total Operating Costs



Breakthrough Technology for EDS

With its stationary gantry and industry leading image quality, the RTT™ is revolutionizing the EDS market by significantly lowering cost of ownership. The RTT's high quality full volumetric CT images enable the advanced automated explosives detection algorithms to provide exceptionally high levels of detection with class leading image quality and low false alarm rates.

High Scanning Speed Gives Flexibility

The RTT™ is designed to allow screening to the highest levels of security at the first point of screening. The versatility of RTT allows it to be used as a high speed in-line system at the first level of screening or as a level 3 system in a multi-level screening system.

Advanced Fast Detection Algorithms

High speed reconstruction provides high resolution CT data to detection algorithms allowing the detection of the full range of explosive threats. By determining the presence and position of a threat, the industry leading resolution allows optimal performance for the detection of materials in configurations typically difficult to detect.

Robust Design

The Rapiscan RTT™ employs a stationary gantry design, low parts count, reduced energy consumption and 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.

Regulatory Compliance

The RTT™ 110 is designed to meet ECAC Standard 3 for EDS and STP compliance to provide future-proof screening for years to come.

Tunnel Opening (width x height):
D-shaped 1020 x 756 mm (40.2 x 29.8 in)

Product Highlights

EU ECAC Standard 3 Approved
Explosives Detection System

Stationary CT Gantry providing
significantly higher reliability and
system availability

Full speed scanning at 0.5 m/s

Full volumetric CT continuous scanning

Fast advanced baggage reconstruction
and explosives detection algorithms -
level 1 decision before the bag exits the
machine

HBS class-leading high resolution 3D
X-ray images and low false alarm rates

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

Modular chassis design allows
installation flexibility

Easily integrated into any baggage
handling system

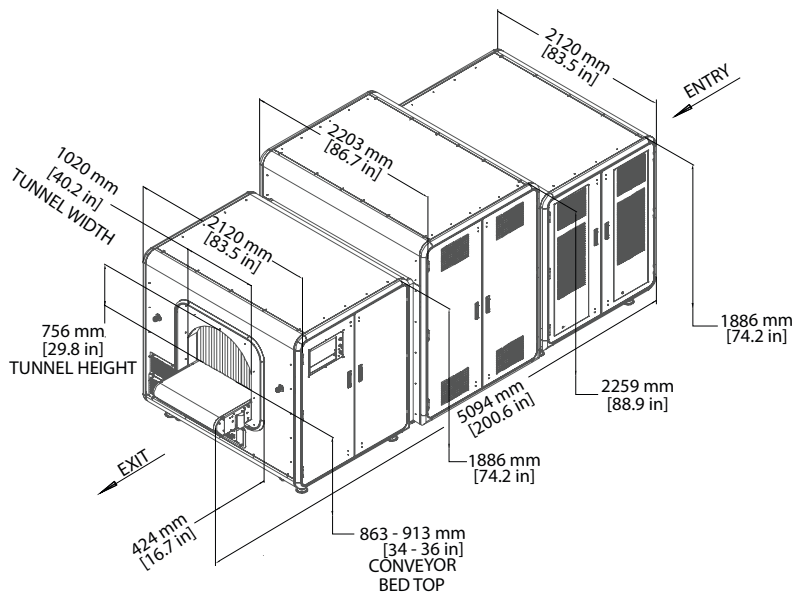
Multiplex capabilities of more than 40
systems and 120+ workstations

Rapiscan[®]
systems
An OSI Systems Company

RAPISCAN RTT™ 110

Specifications

Realizable Throughput	Up to 1800 BPH, 0.5m/sec conveyor, non-stopping
Dimensions (LxWxH)	5,094 x 2,203 x 2,259 mm (200.6 x 86.7 x 88.9 inches)
General Service Area	914 mm (36 inch) on each side, no additional access required above or at ends.
Environmental Operating	0° to 40° C (32° to 107° F) and 10% to 90% non-condensing humidity at sea level.
Weight	6,650 Kg (14,661 lbs)



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

ONE COMPANY - TOTAL SECURITY

AMERICAS, CARIBBEAN

2805 Columbia Street
Torrance, California 90503
UNITED STATES OF AMERICA
Tel: +1 310-978-1457
Fax: +1 310-349-2491

EUROPE, MIDDLE EAST, AFRICA

X-Ray House
Bonehurst Road
Salfords
Surrey RH1 5GG
UNITED KINGDOM
Tel: +44 (0) 870-7774301
Fax: +44 (0) 870-7774302

ASIA

240 Macpherson Road
#07-01 Pines Industrial Building
Singapore 348574
SINGAPORE
Tel: +65-6846-3511
Fax: +65-6743-9915

EMAIL

sales@rapiscansystems.com

WEB

www.rapiscansystems.com



Rapiscan Systems is
ISO 9001:2008 Certified

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