

## EFFICIENT X-RAY SCREENING FOR LARGE BAGGAGE AND PARCELS.

LARGE PARCEL AND SMALL  
CARGO SCREENING

MEETS GLOBAL REGULATORY  
REQUIREMENTS

NETWORK ENABLED

COST EFFECTIVE

### STANDARD FEATURES

- Full Spectrum Imaging
- View Previous/Next Bag
- Image Archive
- Configurable Image Processing Keys
- Baggage Counter
- Date / Time Display
- Search Indicator
- UPS (Uninterrupted Power Supply)
- Multi Language Support
- Flat Panel Monitor

### STANDARD IMAGE PROCESSING FUNCTIONS

- Crystal Clear
- Black and White
- Organic / Inorganic Stripping
- Inverse Video
- High Penetration
- Pseudo Color
- Low Penetration
- Variable Edge Enhancement
- Variable Color Stripping
- Variable Gamma
- Variable Density
- Dynamic Continuous Zoom & Panning
- Fixed Zoom (64x)



Tunnel Opening (width x height):  
1,000 x 1,000 mm (39.4 x 39.4 in)

THE 627XR IS DESIGNED FOR SCREENING SMALL CARGO AS WELL AS BAGGAGE  
AND LARGE PARCELS FOR AIR CARGO AND CUSTOMS APPLICATIONS.

With a 1,000 mm wide by 1,000 mm high tunnel opening, the 627XR meets the stringent  
requirements of multiple global regulatory requirements.

### DETECTION OF EXPLOSIVES AND NARCOTICS ALERT

Target and NARCSan are designed to assist operators in the detection of a range of explosives and narcotics respectively in real time during the scanning process by marking a potential threat on the X-ray image. Rapiscan® detection algorithms are based on regulatory material analysis techniques.

### SAFETY IS OUR #1 FOCUS

627XR complies with U.S. Code of Federal Regulations (CFRs) on performance standards for ionizing radiation-emitting products, electronics products, radio frequency devices, qualification of screening personnel, occupational noise exposure and occupational safety and health standards.

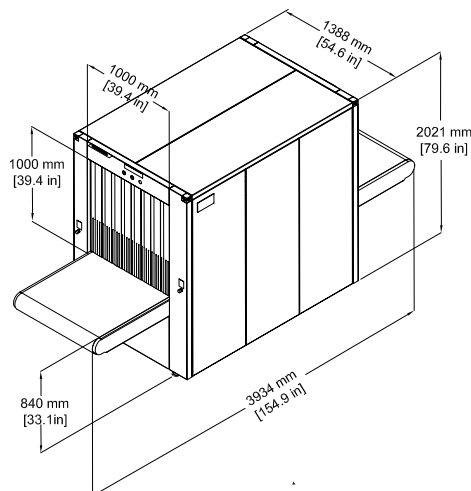
### EASE OF USE PROVIDING HIGHEST THROUGHPUT

With over 13 image processing tools and detection alert algorithm functions, the feature rich software allows the operator to more easily and accurately search for contraband.

### REGULATORY COMPLIANCE

627XR performance is in full compliance with the European Union regulations (EC) No. 300/2008, (EU) No. 2015/1998 and Commissions Decision C (2015)8005 for aviation security.

# 627XR



## PHYSICAL SPECIFICATIONS

Dimensions:	Length: 3,934 mm (154.9 in.) Width: 1,388 mm (54.6 in.) Height: 2,021 mm (79.6 in.)
Tunnel Size:	1,000 mm (W) x 1,000 mm (H) (39.4 x 39.4 in.)
Conveyor Speed:	0.20 m/sec (39.4 ft./min)
Conveyor Load (Max):	200 Kg (441 lbs) evenly distributed
Conveyor Height:	840 mm (33.1 in.)
Weight (Approx.):	Net: 1,160 Kg (2,557 lbs)
System Power:	115/230 VAC $\pm$ 10% / 60/50Hz

## X-RAY GENERATOR AND IMAGE PERFORMANCE<sup>1</sup>

Steel Penetration:	40 mm typical; 35 mm standard
Wire Resolution:	40 AWG typical; 38 AWG standard
Generator Cooling:	Sealed oil bath with forced air
Anode Voltage:	Operating at 160kV
Tube Current:	1.0 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

## PROTECTION CLASS

System:	IP20
Operator Control Panel:	IP43 <sup>2</sup>

## REGULATORY

- Transport Canada (TC) Air Cargo Qualified
- Regulation (EC) No. 300/2008 Compliant
- Regulation (EU) No. 2015/1998 Compliant
- EU Commissions Decision (EU) C(2015)8005 Compliant

## HEALTH & SAFETY

Rapiscan® Systems' cabinet X-ray products comply with all applicable U.S. FDA and equivalent international regulatory agency requirements, contained in the cabinet X-ray radiation safety performance standard [21 CFR 1020.40] and the general performance standard [21 CFR Part 1010] as well as IEC standard 61010-2-091.

Rapiscan® baggage and parcel inspection systems radiation emission leakages are well below the required regulatory limits with less than 1µSv/hr at 10 cm from all surfaces of cabinet X-ray.

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# Rapiscan® systems

An OSI Systems Company

## OPTIONS AND ACCESSORIES

- Explosives Detection Alert (Target)
- Narcotics Detection Alert (NARCScan)
- Density Threshold Alert (DTA)
- Threat Image Projection (TIP)
- Threat Image Projection Network (TIPNet)
- Remote Image Archive Review (NETView)
- Network X-ray management automation and link system (NEXLink)
- Multi-System Network Display Station (NDS)
- Automatic Image Archiving
- Enhanced Image Archiving
- Operator Training Program (OTP)
- Manual Scan
- Operator Pedestal
- Foot Mat
- Optical Operator Presence Sensor
- SmartCard Login
- Power Conditioner
- Conveyor Accessories
- Remote Workstation
- Universal Printer Support

<sup>1</sup> Stated performance as measured by Rapiscan® Imaging Validation Test Kit.

<sup>2</sup> With optional replaceable cover.

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.



Certified to  
AS9100C



Precisely Right.



Rapiscan Systems is AS9100C:2009 and  
ISO 14001:2004 + Cor. 1:2009 Certified

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