

DATASHEET

PRELIMINARY - SUBJECT TO CHANGE - COMING 2019



The new 927DX is a High Performance 1010mm by 1010mm tunnel dual view screening system with excellent image quality and excellent threat detection alert capabilities.

EXCEPTIONAL IMAGE QUALITY

EXPLOSIVES & NARCOTICS DETECTION

LOW DENSITY IMAGE ENHANCEMENT

MATRIXING, NETWORKING & REMOTE VIEWING



SPECTRUM 4-COLOR IMAGING

927DX now can exhibit images in the Classic 4-color and the new proprietary Spectrum 4-color (SP4) option providing superior image, allowing improved security by quick and accurate identification of threats and increase in throughput.

EXPLOSIVES AND NARCOTICS DETECTION

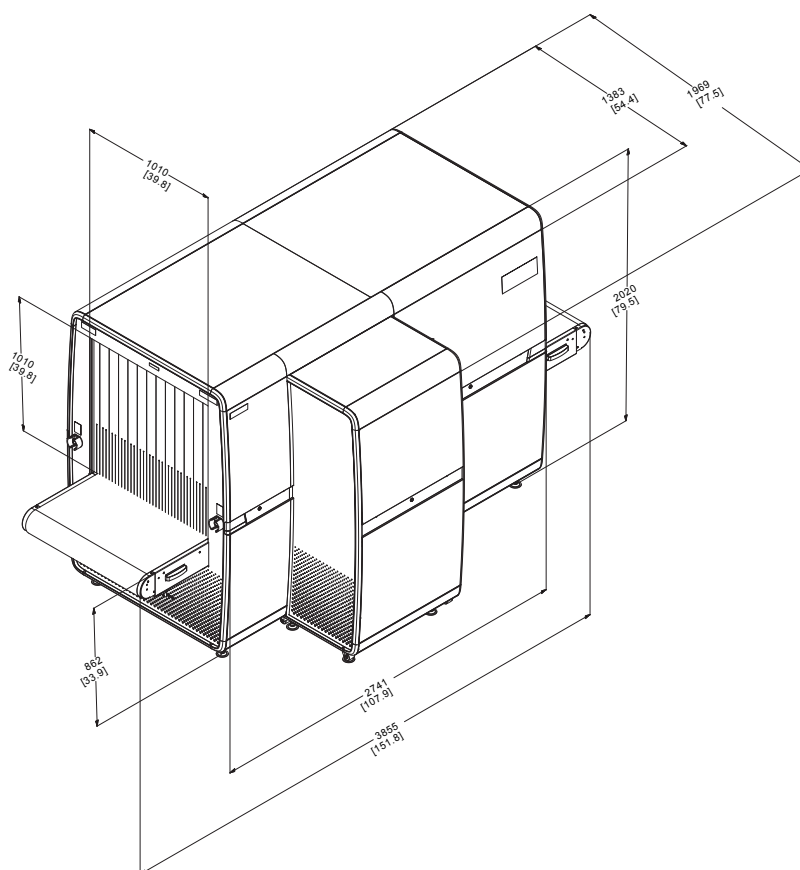
Target and NARCScan are designed to detect a wide range of explosives and narcotics respectively in real time during the scanning process by marking a potential threat on the X-ray image. Rapiscan® Systems detection algorithms are based on regulatory approved material analysis techniques.

DUAL MODE AUTO Z_{EFF}

The new dual mode Z_{eff} feature helps with identification of organic materials accurately and quickly either in Range mode which highlights the areas based on range selected by the operator, and/or in Interactive mode which provides the operator the option to display the areas based on the value of the pixel.

EUROPEAN AVIATION COMPLIANCE

927DX performance is in full compliance with the mandatory regulations (EC) No. 300/2008, (EC) Implementing Regulation 1998/2015 and update 815/2017, EC Implementing Decision 8005/2015 and update 3030/2017 for aviation security in the European Union.



PHYSICAL SPECIFICATIONS ¹

DIMENSIONS	L	3,855 mm (151.2 in)
	W	1,969 mm (77.5 in)
	H	2,020 mm (79.5 in)
TUNNEL SIZE	W	1,010 mm (39.8 in)
	H	1,010 mm (39.8 in)
CONVEYOR HEIGHT		862 mm (33.9 in.)

ENVIRONMENT & POWER

STORAGE	
TEMPERATURE	-20°C to 50°C
OPERATING	
TEMPERATURE	0°C to 40°C
RELATIVE HUMIDITY	5 to 95% non-condensing
SYSTEM POWER	100/110/120/200/208 /220/230/240 VAC ±10%

PERFORMANCE ²

CONVEYOR SPEED ¹	0.20 m/sec (39.4 ft/min)
CONVEYOR LOAD ¹	200 Kg (441 lbs)
STEEL PENETRATION	39 mm typical, 38 mm standard
WIRE PENETRATION	42 AWG typical, 41 AWG standard

HIGH SPEED OPTIONS

CONVEYOR SPEED	0.35m/sec (68.9 ft/min)
	0.5 m/sec (98.4 ft. /min)

X-RAY GENERATOR

ANODE VOLTAGE	160kV
ORIENTATION	Vertically Upward & Horizontal

GOVERNMENT REGULATORY

Regulation (EC) No. 300/2008 Compliant
Regulation (EU) No. 185/2010 Compliant
EU Commissions Decision C(2010) 774 Compliant
U.K Department for Transport (DfT) TIP Approved

KEY FEATURES AND OPTIONS

Explosive threats, narcotics & density alerts
Spectrum 4
17 Image processing functions
SINERGY low density enhancement
Dual Mode Z-effective
CrystalClear™
Automatic, Enhanced Image Archiving
E.U. Approved Threat Image Projection
Remote Status Monitoring
Remote Archive Review
Multi-System Alarm Resolution Network
Multiplexing and Matrixing
13 Languages
64-bit Operating System

ScanTMS

64-bit Operating System

info@rapiscansystems.com

www.rapiscansystems.com



Rapiscan[®] systems

An OSI Systems Company

1. Approximate Values 2. Stated performance as measured by Rapiscan® Imaging Validation Test Kit

Rapiscan® Systems is ISO 9001:2015 Certified

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.

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.

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