

### DATASHEET

PRELIMINARY - SUBJECT TO CHANGE - COMING 2019



CONCEPT DRAWING



The new 928DX is a High Performance 1010mm by 1010mm tunnel low conveyor dual view screening system with superb image quality and excellent threat detection alert capabilities.

SUPERB IMAGE QUALITY

EXPLOSIVES & NARCOTICS DETECTION

LOW DENSITY IMAGE ENHANCEMENT

MATRIXING, NETWORKING & REMOTE VIEWING

#### SPECTRUM 4-COLOR IMAGING

928DX 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

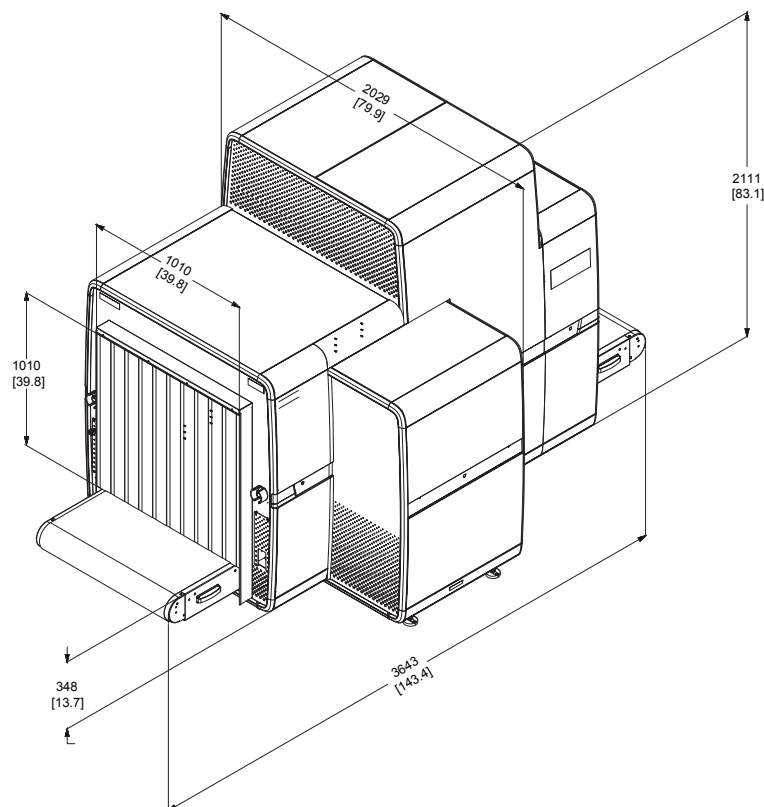
Target and NARCScan are designed to detect a wide range of explosives and narcotics respectively in real time during the scanning process by marking a potential threat on the X-ray image. Rapiscan® Systems detection algorithms are based on regulatory approved material analysis techniques.

#### DUAL MODE AUTO Z<sub>EFF</sub>

The new dual mode Z<sub>eff</sub> 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

928DX 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 <sup>1</sup>

DIMENSIONS	L	3,643 mm (143.4 in)
	W	2,029 mm (79.9 in)
	H	2,111 mm (83.1 in)
TUNNEL SIZE	W	1,010 mm (39.8 in)
	H	1,010 mm (39.8 in)
CONVEYOR HEIGHT		348 mm (13.7 in)
WEIGHT (NET)		1,600 Kg (3,527 lbs)

## 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 <sup>2</sup>

CONVEYOR SPEED <sup>1</sup>	0.20 m/sec (39.4 ft/min)
CONVEYOR LOAD <sup>1</sup>	200 Kg (441 lbs)
STEEL PENETRATION	38 mm typical, 37 mm standard
WIRE PENETRATION	38 AWG typical, 37 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

# ScanS™

64-bit Operating System

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**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. Please contact your Rapiscan® Systems sales representative for more information.

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