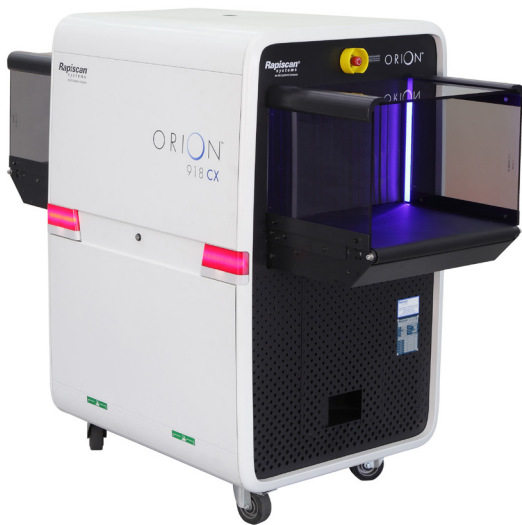


DATASHEET



The new 918CX is a High Performance, compact and versatile 540mm by 360mm tunnel X-Ray system with exceptional image quality and excellent threat detection alert capabilities.

INDUSTRY BEST RESOLUTION & MATERIAL DISCRIMINATION

EXPLOSIVES & NARCOTICS DETECTION

LOW DENSITY IMAGE ENHANCEMENT

MATRIXING, NETWORKING & REMOTE VIEWING

EU
2015/1998
COMPLIANT

SPECTRUM 4-COLOR IMAGING

918CX can present images to the operator 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

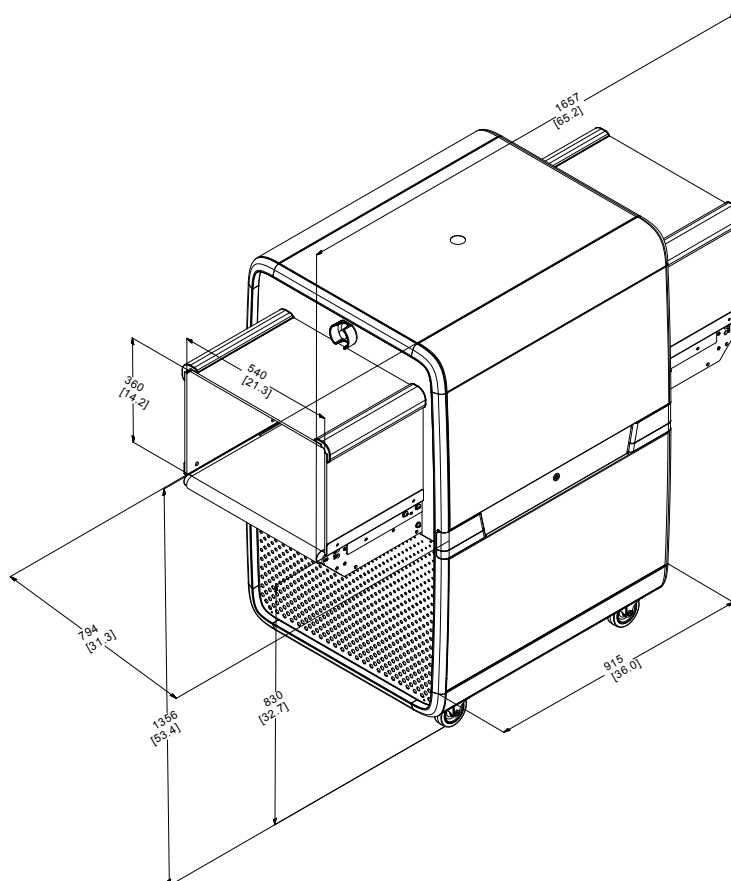
Target and NARCScan are designed to detect a wide range of explosives and narcotics respectively in real time during the scanning process by marking a potential threat on the X-ray image.

DUAL MODE Z_{EFF}

This feature aids the operator in quick identification of organic materials, either in Range Mode which highlights areas based on operator selected Z-effective values of 7, 8 or 9, or in Interactive Mode which gives the operator the option to display the Z-effective number of a selected pixel.

EUROPEAN AVIATION COMPLIANCE

918CX is in full compliance with the latest requirements of Commission Implementing Regulation (EU) 2015/1998 of 5 November 2015 laying down detailed measures for the implementation of the common basic standards on aviation security.



PHYSICAL SPECIFICATIONS ¹

DIMENSIONS	L	1,657 mm (65.2 in)
	W	794 mm (31.3 in)
	H	1,356 mm (53.3 in)
TUNNEL SIZE	W	540 mm (21.3 in)
	H	360 mm (14.2 in)
CONVEYOR HEIGHT		830 mm (32.7 in)
WEIGHT (NET)		429 Kg (946 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 ²

CONVEYOR SPEED ¹	0.20 m/sec (39.4 ft/min)
CONVEYOR LOAD ¹	165 Kg (364 lbs)
STEEL PENETRATION	33 mm typical, 31 mm standard
WIRE RESOLUTION	40 AWG typical, 38 AWG standard
SPATIAL RESOLUTION	0.8 mm vertical & horizontal

HIGH SPEED OPTION

CONVEYOR SPEED ¹	0.35 m/sec (68.9 ft/min)
STEEL PENETRATION	33 mm typical, 31 mm standard
WIRE RESOLUTION	40 AWG typical, 38 AWG standard
SPATIAL RESOLUTION	0.8 mm vertical & horizontal

X-RAY GENERATOR

ANODE VOLTAGE	140kV
ORIENTATION	Diagonally Upward

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
Remote Status Monitoring
Remote Archive Review
Multi-System Alarm Resolution Network
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.