

# IMAGING & SCREENING SECURITY SYSTEM

## VP-XR6550-BSS16 X-RAY BAGGAGE SCANNER



### FEATURES

X-ray generator with 4 color displaying technology for efficient security

Dual energy penetration system supports high/low density and organic/inorganic discerning

Auto-inspection of drugs and explosives

Supports real-time storage and retrieval of scanned images

System initiates auto-diagnostic and calibration automatically at power on

Suitable for scanning mid-sized baggage at airports, bus/train/metro stations, borders/immigration security check points

Energy saving & environment protective design

## TECHNICAL SPECIFICATIONS

### VP-XR6550-BSS16

X-Ray Generator	Tunnel Size	659(W) x 504(H)mm
	Wire Resolution	40 AWG
	Steel Penetration	32mm
	Spatial Resolution	Horizontal: dia 1.0mm, Vertical: dia 1.0mm
	Penetration	30 mm steel(34mm steel option)
	S/N Ratio	<60dB
	X Ray Generator	140 KV(160KV optional)
	Beam Direction	Upward
	Boundary Leakage	<1μGy/h at any point 5 centimeters outside the external surface
	X-Ray Dosage Each Inspection	≤ 2.5 μSv(uGy)
	Conveyor Speed	0.22m/s
	Conveyor Height	700mm
	Conveyor Max Load	150kg
	Cooling	Sealed oil cooling
	Duty Cycle	100%
	Film Safety	Guarantee ASA/ISO1600 Film
Storage Capacity	Up to 10,000 images stored automatically.	
Image Processing System	X-Ray Sensor	L-Shaped photodiode Array, 12bit deep
	Operation System	Embedded Linux operating system, multi core ARM, stable and reliable
	Display	Single 21.5" LCD screen, resolution: 1920x1080 pixels
	RAM	8GB
	Operation Console	Single screen console
	Keyboard	Keyboard included
	Electric Roller	Three-phase
	Explosives & Narcotics Detection	Suspicious organics highlight(atomic number Zeff=7,8,9
	Suspicious Object Alarm	Alarm and box line the suspicious objects including hard to penetrate material, explosives and drugs
Image Processing	1-32 times enlargement continuity, Color/BW, negative, high/low penetration enhancement, brightening, darkening, gray level scan, super enhancement, elimination of organics/inorganics, local enhancement, pseudo color processing, edge enhancement, etc.	
Threat Image Projection	Inserting fictional, but realistic images of threat items into baggage during screening operation, for maintenance of vigilance, as well as training and assessment of image identification capability	
System Function	Time/date display, counters, user management, system-on/X-ray-on timers, power on self test, built-in diagnostic facilities, system log, system standby and stimulant training, etc.	
Power & Environmental	Working Temperature /Humidity	5 °C ~ 40°C/ 0%-90%(non-condensing)
	Storage Temperature /Humidity	-20°C-60°C /10%-90%(non-condensing)
	Working Voltage	AC220V(±10%) 50±3Hz
	Power Consumption	Max. 800W
Mechanical	Dimensions	2195(L)x902(W)x1363(H)mm
	Net Weight	450 kgs
Certifications	Certifications	CE, FCC, ROHS, ISO, FDA

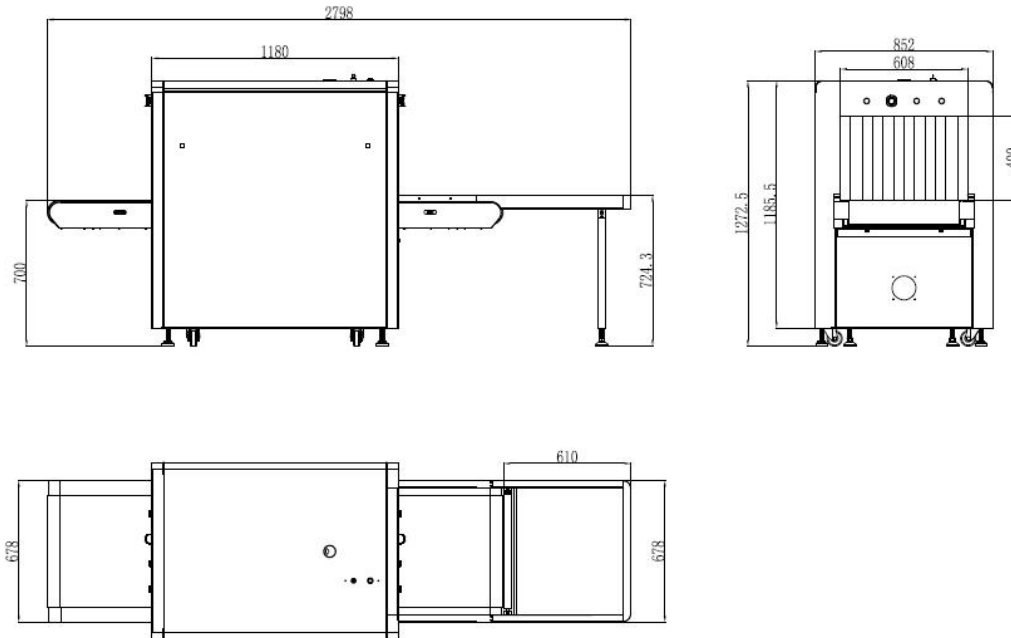
\*Exact products and specifications shown may vary by geographic region and are subject to change without notice. Product image, weights and measurements are approximate and may vary.

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## DIMENSIONS

Unit: mm



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(AN ISO 9001 : 2008, ISO 14001 : 2004 CERTIFIED COMPANY)

