

IMAGING & SCREENING SECURITY SYSTEM

VP-XR1800-BSS16 X-RAY BAGGAGE SCANNER



FEATURES

Dual X-ray generator with dual view display technology for advanced and effective security

AI based advance screening software for improved clear and distinct imaging with real-time analysis & classification of scanned images

Supports auxiliary functions- threat image projection (TIP), operator's training programme (OTP) and auto-inspection of drugs and explosives

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

Supports real-time storage and retrieval of scanned images

Suitable for scanning large-sized baggage at borders/immigration security check points and cargo terminals

Energy efficient & environment protective design

TECHNICAL SPECIFICATIONS

VP-XR1800-BSS16

X-ray Generator	Tunnel Size	1810mm x 1810mm (W x H)
	Wire Resolution	36AWG (0.0787 mm copper wire)
	Steel Penetration	≤50mm
	Spatial Resolution	Vertical: diameter 1.6mm, horizontal: diameter 1.6mm
	Tube Voltage	250 kV
	Beam Direction	Vertical and Horizontal
	Cooling	Sealed oil cooling
	Duty Cycle	100% duty cycle
	Noise Level	≤60dB
	X ray Dose Per Inspection	≤ 4.8μSv
	Radiation Leakage	<1 μSv/h (5cm away from fame), in full compliance with all international radiation safety requirements
	X Ray Generator	2 x 250KV
Image Processing System	Processor	Intel® Core(TM) i3-10100F CPU @ 3.60GHz
	RAM	8GB
	SSD	60GB
	Hard Disk Storage	1TB
	GPU	730
	Operating System	Windows 10
	Display	Optional 1 x 27inch monitor with dual view or 2 x 27inch monitor with dual view
	Image Retrieval	Instant retrieval of last scanned images
	Storage Capacity	More than 100,000 images
	Zoom	Variable zoom up to 64X, support continuous magnification
	Film Safety	In accordance with ASA/ISO1600 film safe standard
	Image Processing	4 color and black & white image, Negative Image, High Penetration, Low penetration, Super-enhancement, histogram equalization, check back/forward, Automatic save image, Pseudo color, 90-degree rotation images, organic/in-organic stripping.
	System Function	F1,F2,F3 programmable key, high density alarm, TIP; date/time display, baggage Count, User management, System work timing, Radiation timing, self-inspection while power on, save and search image, automatically maintenance and diagnosis system, image recognition training, AI object identification
Mechanical	Other Optional Features	Video surveillance system, LED prompt screen, voltage stabilizer, UPS back up
	Roller	Optional 0.5 meter, 1 meter or 2 meter roller for entry and exit
	Conveyor Speed	0.20m/s, bi-direction scan
	Conveyor Height	358mm
	Maximum Load Capacity	2000kgs
	Frame Dimension	Approx. 7787 x 2870 x 2837mm(L x W x H)
Power & Environmental	Weight	Approx. 4500kg
	Working Temperature /Humidity	-10°C ~ 45°C / 5%-95%(non-condensing)
	Storage Temperature /Humidity	-40°C-60°C / 5%-95%(non-condensing)
	Power Supply	220VAC (+/-10%) 50/60HZ
Certifications	Power Consumption	3.0 KVA
	Certifications	CE, FCC, RoHS, FDA

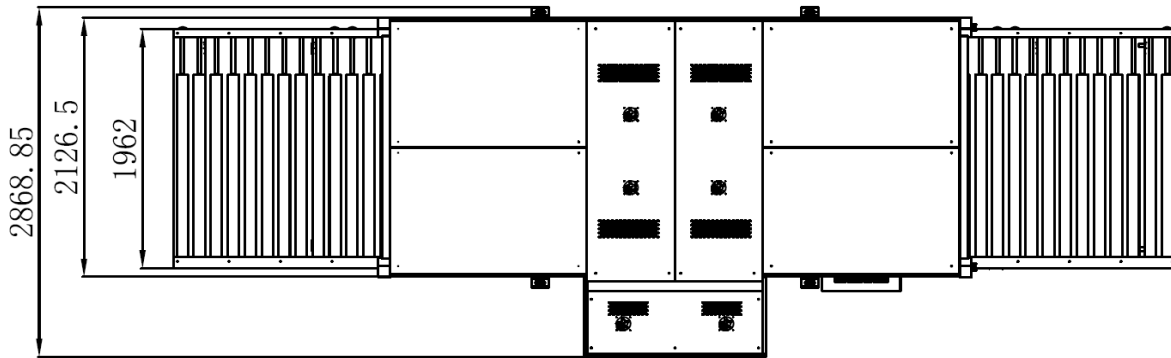
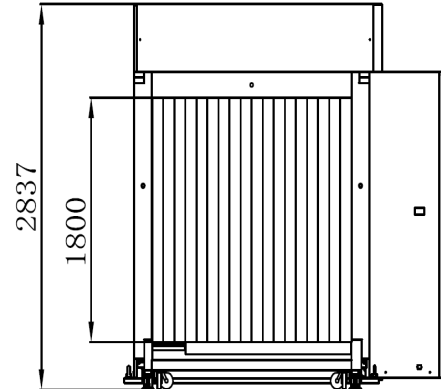
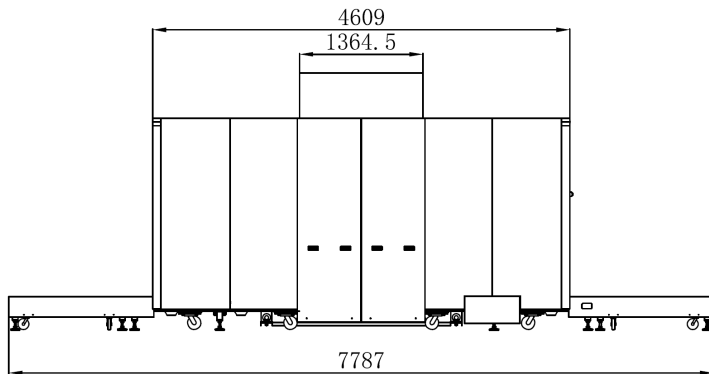
*Exact products and specifications shown may vary by geographic region and are subject to change without notice. Weights and measurements are approximate and may vary.

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DIMENSIONS

Unit: mm



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

