vantage
keeping you safe

IMAGING & SCREENING
SECURITY SYSTEM

VP-XR6040-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

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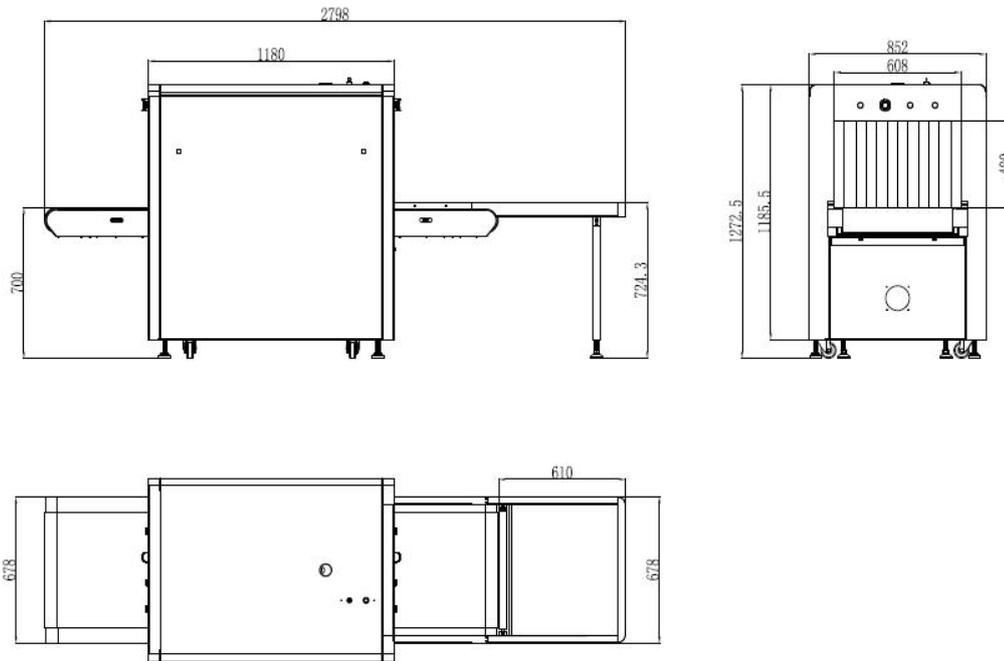|		
X-Ray Generator	Tunnel Size	608(W) ×400(H)mm
	Wire Resolution	AWG40
	Penetration Resolution	AWG32
	Spatial Resolution	Horizontal: dia 1.0mm, Vertical: dia 1.0mm
	Penetration	30mm steel
	X-Ray Dosage Each Inspection	≤2.5 μSv(uGy)
	X Ray Generator	140KV
	X Ray Leakage	<1μGy/h at any point 5 centimeters outside the external surface
	X Ray direction	Upward
	S/N Ratio	<60dB
	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
	Display	21.5-inch LCD monitor, resolution 1920x1080
	Operation System	Embedded Linux operating system, multi core ARM, stable and reliable
	RAM	1GB
	Operation Console	Single screen console
	Electric Roller	Three-phase
	Keyboard	Keyboard included
	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%-15%) 50±3Hz
	Power Consumption	Max. 800W
Mechanical	Dimensions	2798(L)x852(W)x1272.5(H)mm
	Net Weight	400kg
Certifications	Certifications	CE, FCC, ROHS, ISO, 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