ADVANCED ENGINEERING UK TECHNOLOGY

vantage
keeping you safe

IMAGING & SCREENING SECURITY SYSTEM

VP-XR8650-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 & environmental protective design

CE FC RoHS

TECHNICAL SPECIFICATIONS

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X-Ray Generator	Tunnel Size	807.5(W)x653(H) mm
	Wire Resolution	AWG38
	Penetration	34 mm steel
	Spatial Resolution	Horizontal: dia 2.0mm, Vertical: dia 2.0mm
	Penetration Resolution	AWG32
	X Ray Generator	160 KV
	Beam Direction	Downward
	Cooling	Sealed oil cooling
	Duty Cycle	100%
	Noise Level	≤60dB
	X Ray Dose Per Inspection	≤ 3.5 μGy
	X Ray Leakage	<1μGy/h at any point 5 centimeters outside the external surface
	Storage Capacity	Up to 10,000 image
	Film Safety	Guarantee ASA/ISO1600 Film
	Conveyor Speed	0.22 m/s
	Conveyor Height	341mm
	Load Capacity	200 kg
Image Processing System	X-Ray Sensor	L-Shaped photodiode Array, 12bit deep
	Display	Single 21-inch LCD monitor with console desk, high resolution 1920x1080
	Image Retrieval	30 images retrievable
	Keyboard	Keyboard included
	Electric Roller	Three-phase
	System	Embedded Linux operating system, multi core ARM, stable and reliable
	RAM	8GB
	Color Image Display	24 bit color display
	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, bi direction scanning, forced scanning, image search and export, system setting, 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	220VAC(±10%) 50±3Hz
	Power Consumption	Max. 1KW
Mechanical	Dimensions	2848(L)x1095(W)x1536(H)mm
	Net Weight	630kgs
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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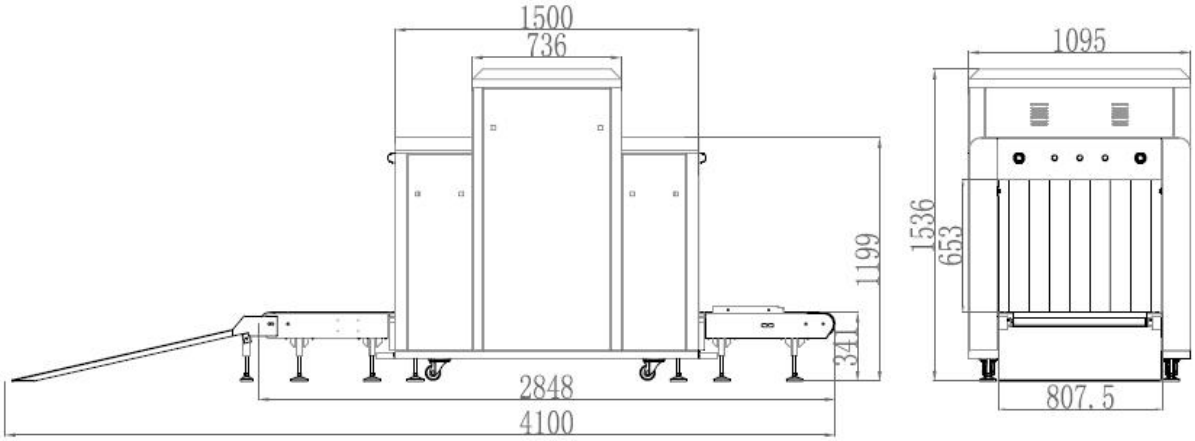
DIMENSIONS

Unit: mm



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