



eBS6550C

X Ray Baggage Scanner

Product Introduction:

The eBS6550C X-ray Security Inspection System is an innovative device that utilizes X-ray penetration technology for rapid, non-intrusive baggage and cargo screening. Designed for government agencies, transportation hubs, logistics facilities, courts, procuratorates, prisons, embassies, factories, schools, hospitals, stadiums, exhibition halls, and entertainment venues, it ensures secure inspection of briefcases, mail packages, express shipments, carry-on luggage, and small parcels.

- Easy to use and learn
- radiological safety protection
- Simple and user-friendly interface
- Safety of film, chip and electronic products

Product Features:

- **Modular:** The internal circuit structure of the equipment adopts modular design, and improves the anti-interference ability of the equipment through reasonable layout design, ensures the stable operation of the equipment, and facilitates maintenance;
- **Digitalization:** The hardware system employs the latest ASIC full-digital solution design with In-depth deep acquisition technology. Compared to analog acquisition solutions, it optimizes circuit design, featuring high integration, strong anti-interference capability, and clear imaging effects.
- **Full functionality:** Customizable modules can be added based on customer needs, with ports opened for customization. For example, AI-powered image recognition (dangerous goods alarm function).

Device Features:

- Image processing features: Image processing functions: color/black and white, local enhancement, high pass, low pass, superpass, organic matter removal, inorganic matter removal, inversion, brighten, darken, gray sweep, magnification, pseudo-color, image restoration, image storage
- System features: Boot-up self-test, multi-level user management, image management, TIP management, curve diagnosis, keyboard diagnostics, device information query, multi-format image export, OSD operation functions, image mirroring, 1-64x zoom with continuous adjustment, magnifying glass, operator training, precise package image localization, channel clearing reminders, remote operation software, and one-click shutdown.

Product Parameters

Outline dimension	Channel size	650mm*500mm (width*height)
	Device size	1876mm*934mm*1300mm (length*width* height)
Performance parameter	Line resolution	AWG38(Φ0.102mm)
	Spatial resolution	1.0mm horizontal; 1.0mm vertical
	Force of penetration	40mm steel plate
	X radiographic source	140KV-160KV 0.5mA-1.25mA
Radiation dose	Leakage dose	<0.5μSv 50mm from the device housing
	Single dose	<5μGy/h
Conveyor Parameters	Conveyor height	660mm (belt height from ground)
	Line speed	0.22 m/s
Display Parameters	Display size	21.5"
	Resolution ratio	1920*1080P
Machine parameter	Power Consumption	500W
	Source	AC220V 50Hz
	Noise	<55dB (1 meter from the device)
	Working temperature and humidity	5°C~40°C 10%~90% Non-Condensing
	Storage temperature and humidity	-20°C~40°C 0~90% Non-Condensing
	Weight of equipment	300 Kg

Disclaimer : Brief specifications are mentioned here. Specifications may change without prior notice. Customers are advised to check with us before purchase. Actual product may differ slightly to that depicted for ongoing product development.