eSSL®
Security at Fingertips



eBS-5030A-N

X-ray security inspection equipment

Product Introduction :

The eBS-5030A-N X-ray Security Inspection Equipment is an innovative security solution that utilizes X-ray penetration to perform rapid, non-intrusive inspections of luggage and cargo. It is suitable for government agencies, transportation hubs, logistics facilities, courts, procuratorates, prisons, embassies, factories, schools, hospitals, stadiums, exhibition halls, and entertainment venues to conduct security checks on briefcases, mail packages, express deliveries, hand 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 Parameters :

Channel size	500mm*300mm (width*height)
Device size	1475mm*784mm*1100mm (length*width*height)
Line resolution	AWG38(Φ0.102mm)
Spatial resolution	1.0mm horizontal; 1.0mm vertical
Force of penetration	12mmsteel plate
X radiographic source	80KV-100KV 0.5mA
Radiation dose - Leakage dose	<0.5μSv 50mm from the device housing
Radiation dose - Single dose	<5μGy/h
Conveyor height	660mm (belt height from ground)
Line speed	0.22 m/s
Display size	21.5“
Resolution ratio	1920*1080P
Power dissipation	500W
Source	AC220V 50Hz
Noise	<55dB (1 meter from the device)
Working temperature and humidity	5℃~40℃10%~90% no condensation
Storage temperature and humidity	-20℃~40℃ 0~90% no condensation
Weight of equipment	220kg

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: color/black and white, local enhancement, high contrast, low contrast, super enhancement, organic matter removal, inorganic matter removal, color reversal, brightness enhancement, dark reduction, grayscale, enlargement, pseudo color, image restoration, image storage.
- System features: Power-on self-test, multi-level user management, image management, TIP management, curve diagnostics, keyboard diagnostics, device information queries, multi-format image export, OSD operation functions, image mirroring, 1-64x stepless zoom, magnifying glass, operator training, precise packet image localization, channel reminder clearing, remote operation software, and one-touch shutdown.

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.