



eBS5030C- N

(Dual Energy X-Ray Baggage Scanner)

Specification

X-ray Source 140 KV
Line Resolution : AWG40Φ0.0787mm
Spatial Resolution : Horizontal 1.0mm; Vertical 1.0mm
Penetration : 40mm Steel plate
Radiation Leakage Dose : <1μSv50mm away from device housing
Radiation Single Dose : <3.5μGy/h
Conveyor Belt Height : 660mm (belt to ground)
Conveyor Speed : 0.22 Meters/Second
Display Size : 21.5" LCD Touchscreen
Display Screen Resolution : 1920*1080P
Power Supply : AC 220 Volts 50Hz
Power Consumption : 500W
Noise : <60dB (1 meter away from the device)
Working Temperature : 5°C~40°C Humidity: 10%~90% no condensation
Storage Temperature : -20°C~ 40°C
Sensor Type : 1/2.8" Progressive Scan CMOS
OS : Windows 10
Processor : Intel Core I3
RAM : 4GB
Hard Disk Storage : 500GB
Dimensions Tunnel Size : 500mm (W)*300mm (H)
Dimensions Device size : 1475mm (L)*784mm (W)*1100mm (H)
Package Dimension : 540 L/840W /1340H in mm
Package Gross Weight : 320Kg
Package Net Weight : 280Kg

Modularization: The internal circuit structure of the device adopts modular design ideas. Through reasonable layout design, the anti-interference ability of the device is improved to ensure a stable operation and easy maintenance.

Digitalization: The hardware system adopts the latest ASI C fully digital solution design and in-depth acquisition technology. Compared with the analog acquisition solution, the circuit design in this device is optimized and has the characteristics of high integration, strong anti-interference ability, and a clear imaging effect.

Full-featured: Additional functional modules can be customized according to private demand, and customized ports can be inserted according to customer requirements. For example, AI intelligent image recognition is optional with external hardware (dangerous product alarm function).

Image processing functions: Colorful/ black and white, local enhancement, high penetration, low penetration, super enhancement organic discrimination, inorganic discrimination, inversion, brightening,

darkening, grey scan, enlarging, false colour, image restoration, image storage System functions: automatic self-diagnosis, multi-level user management, image management, TIP management, curve diagnosis, keyboard diagnosis, record checking, multi-format image export, OSD operation function, image mirroring, 1-64 times image magnification, magnifying glass, operator training, precise positioning of baggage images, clear channel reminder, remote operation software, one-click shutdown.

Scan Output Preview

The system features 26 different colour management architectures which help differentiate between organic, inorganic, and pseudo materials, in object identification. It includes a display that shows the number of scanned bags along with the date, time, X-ray generator, and IR generation notifications. The X-ray scanner stores baggage images with corresponding date and time, and it also incorporates Threat Image Projection, which alerts users to the presence of potentially dangerous items (such as guns, flammable materials, knives, etc.).

The system logs user logon and logoff times for tracking purposes. Additionally, it offers diagnostic indicators for the X-ray Source, X-ray Generator's high energy, low energy, and IR sensor calibration. To enhance energy efficiency, the system can be set to energy-saving mode, which puts it on standby when not in use.

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.