EI-6040 Multi-Energy X-Ray Security Inspection Equipment

Intelligent Security Inspection Management System

Remote Centralized Image Analysis System

Contraband Imanagement system

Product appearance and technical specifications are subject to the actual product.Changes may occur without prior notice.

Product Instruction

Eastimage is an industry-leading provider of security inspection products and safety solutions. Established in 2003, the company has 50,000 square meters of independent property rights of the production base. After more than 20 years of development   Eastimage has become a major supplier and a leading R&D and manufacturing base for security products in China.

The EI-6040 multi-energy X-ray security inspection equipment can quickly and accurately detect organic substances, inorganic substances, and mixtures (or light metals) in various packages based on the effective atomic number of the inspected items. Its design is user-friendly and efficient, providing users with a safe and reliable intelligent security inspection system.

Product Features-Optional Function

| 6 pseudo Color | Auxiliary Image Recognition | BB100-Black Box | Fatigue Detection | 24/7 Remote Assistance |

Parameters

Penetration (Steel): 34mm (Standardl)   [40mm(high-performance model)]
Wire Resolution: 0.101mm (38AWG) (Standardl)   [0.0787mm (40AWG) (high-performance model)]
Monitor: 22''LED with a resolution of 1920*1080
Standard Load: 120kg (customizable for larger loads)

Software Function

Image Processing: Black/White, Inverse color, High/Low Penetration, Inorganic/Organic strippingc, Super enhancement, Variable absorption, Pseudo-color, etc.
One-Click Image Processing: Customizable function keys for quick image processing based on user needs.
Image Zoom: Up to 64X dynamic continuous zoom & panning for any area.
Fault Indication: Self-diagnostic function, faults alarm,easy troubleshooting.
Explosive/High-Density Alarm: Suspected explosives/High absorption material in the package can be sound and light alarmed.
Image Recall: Supports unlimited image recall, up to the first image from the current startup session.
Image Storage: 500,000 images storage, with traceability for images from the past 90 days.

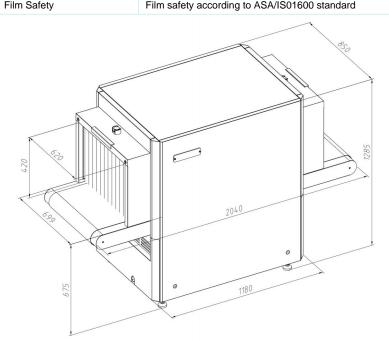## Application Area

| Venue | Subway | Railway VIP Lounge | Travel Sight | Hospitals | Courts |

Technical Data

Tunnel Size	620mm(W)×420mm(H)）
Conveyor Speed	0.2m/s
Noise	<60dB(A)

Standard Function

One key on/off	Through one key of Keyboard to realise power on automatically entering the interface & power off peripheral accessories.
TIP System	TIP can self-add dangerous items' image,report the results of threat items marked by the operator,reminding the supervision.
OTP System	The Operator Training Program System,using system pre-stored package images to train operator.
User Management	Multi-level user administrators, maintainers, and operators manage different rights and customize user rights.

Optional Function

EI-BB100 BlackBox	Real-time monitoring baggage pass in/out, vedio record whole procedure of the X-ray baggage image scan & baggage passing.
Bi-directional Scanning	Either end can be placed into the package to achieve X-ray image scanning, more practical on-site.
Energy Saving	The conveyor will auto stop after 90s without baggage on and it will auto running when baggage on without other qperation.
6 pseudo Color	Image 6 pseudo Color.
Auxiliary Image Recognition	Automatically identify and calibrate the name of the inspected items, and provide the basis for auxiliary drawing recognition.
Multi-speed adjustment	Conveying system can be switched between 0.2m/s, 0.3m/s and 0.4m/s to improve the passing efficiency.
NI(network interface)	Off-site real-time viewing of overpack images and data, and remote control of equipment.
Image Print	Prints on-screen images at any time.
Other Function	UPS uninterruptible power supply, voltage stabilized power supply, LED security reminder.

X-Ray Generator

Anode Voltage	160KV(adjustable)
Cooling & Running Cycle	Sealed oil cooling &100%

Installation Data

Weight	500KG
Work Temperature/Humidity	0℃～45℃／10%～95% (non-condensing)
Store Temperature/Humidity	-40℃～60℃／10%～95% (non-condensing)
Power Supply	110VAC-240VAC，50/60Hz
Power Consumption	About 0.42 (KVA)

X-Ray Security

X-ray leakage dose rate	<1μGy/h (5cm distance from outer)Compliance with all international and national health and safety standards
Film Safety	Film safety according to ASA/IS01600 standard

CE FC

ISO9001 ISO14001 ISO45001

FDA REGISTERED RoHS NPS