



EI-5030C Multi-Energy X-Ray Security Inspection Equipment



Product Instruction

Eastimage is a world's leading security equipment supplier headquartered in Shanghai, using the high cost-effective security products and the professional security solutions as our significant characteristics to stand out from the industry.

EI-5030C is a practical security equipment which has been widely applied for public security organs and its small tunnel design is perfect for identification of objects in letters, parcels, handbags, backpacks and so on. EI-5030C has extended protective cover and double-layer lead curtains in both tunnel ends, which can guarantee the operators' and passengers' safety.

EI-5030C has high mobility (and could be easily move to any locations which need the security inspection) through rolling casters, integrated monitor and keyboard. EI-5030C also can be operated remotely via customized keyboard line, video cable and USB cable which can up to 5 meters long.

Technology Features

- Shiny clear images
- Sophisticated design with multi-functions operator interface
- High- resolution
- Can increase the conveyor speed to 0.3m/s(Customized)
- Collection the high-speed parallel of detection data
- With network interface to achieve total network management
- Support JPG & BMP image transformation format to USB

Applications

- Public Security Organs
- Exhibition Halls

Tourist Attractions

Museums



General Specification

Tunnel size	505 mm (W) x 304 mi	m (H)
Conveyor Speed	0.2 m/s	
Conveyor Height	730 mm	
Max. Load	100 kg (Evenly distrib	outed)
Resolution	Typical: AWG 40	Standard: AWG 38
Penetration(Steel)	32 mm	
Spatial Resolution	Horizontal: Φ1.0 mm	Vertical: Φ1.0 mm

• Image Resolution......19"LED (Single Display)

Image Processing System

3 3 7	
Display	Black / White, Color
Processing Function	F1/F2/F3 self-definition combination,
	edge enhancement, negative, partial
	enhancement, gray scale scan.
 Saves Capacity & Pull bac 	k100,000 images / infinite review
	(the previous picutures)
Resolution	1440 × 900
 Processing & Gray Scale 	24Bit real-time processing/65536
Enlargement	Up to 64X dynamic continuous zoom
	& panning

X-Ray Generator

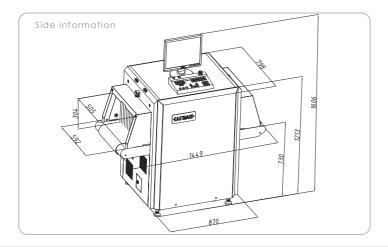
•	Anode Voltage	160 KV (adjustable)
•	Beam Direction	From bottom
•	Cooling & Running Cycle	.Sealed oil cooling & 100%
•	X-Ray Sensor	Multi-energy L photoelectric diode
		array detector

IPC Configuration

 Standard FunctionWin7; RAM: 2GB; Hard D 	isk: 500G.
Optional FunctionRAM: 4G、8G、16G;	
Hard Disk: 1T√2T;	
Video Card: 2G、4G、8G;	

X-Ray Security

Leakage	< 1µGy/h (5cm distance from outer),
	According to the national and international
	Safety standard
• Film Safty	According to the ISO1600 (33DIN)
	High speed standard



System Function

- Alarm Function
- Browse
- Fault Self-diagnosis and Maintenance Functions
- Image Navigation
- Limits of Authority Management for Operator
- System Working Timing
- TIP
- User Management
- Urgent Stop
- Working Status Display
- Extend Protective Cover and Doublelayer Lead Curtain In Entry and Exit

- Bi-directional Scanning
- Date & Time Display
- High Density Alarm
- Image Magnification Display
- Luggage Counting
- Network Interface
- One-key Shutdown
- Self-check Power-on
- Save and Retrieval
- Save As
- Ultra-thin Scanning
- X-Ray Emission Timing
- X-Autosight
- Image Split Joint

Optional Function

- Double Display
- EI-BB100 Black Box
- Voltage Stabilizer
- 0.6m Entry / Exit Flatbed Roller Tables
- Energy Saving
- OTP The Operator Training Program
- UPS Uninterruptible Power Supply

Black Box

• Using the professional video equipment, EI-BB100 can combine x-ray image, specific package and its owner into one system, to help operators review and analysis after crisis. With this extended function, the operators can quickly target the potential suspects. This system is not only user friendly but also has the remarkable effects which win the warm praise from the public security police officers.

EI-BB100 is an international advanced product and an innovation in the security industry, Shanghai Eastimage has the exclusive patents.



Installation Data

•	Size	1449 mm (L) x 798 mm (W) x 1213 mm (H)
•	Weight	410 KG
•	Working Temperature / Humidity	0°C ~ + 45°C / 10% ~ 95% (non-condensing)
•	Storage Temperature / Humidity	40° C ~ + 60° C / 10% ~ 95% (non-condensing)

• Power Supply......AC 220 V(+10%~-15%) 50±3 (Hz)

Power consumption.....About 0.41 (KVA)

Health And Safety

Remark: above data base on National Standard GB15208.2

According to the national standard of the People's Republic of China GB15208.1-2005 and the international standards for radiation safety.

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Our company has won QMS "ISO9001: 2008", EMS "ISO 14001:2004", OHSMS "GB/T28001-2011". EI-5030C won "EU CE certification", "U.S.A FCC certification".

