



# EI-5030A 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-5030A is a practical security equipment which has been widely applied for public security organs and its small tunnel design is specially for small objects' inspection such as parcels, handbags, backpacks and so on.

EI-5030A has high mobility (and could be easily move to any locations which need the security inspection) through rolling casters, integrated monitor and keyboard. EI-5030A 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 mm (H)
Conveyor Speed	0.2 m/s
Conveyor Height	730 mm
Max. Load	100 kg (Evenly distributed)
Resolution	Typical: AWG 40 Standard: AWG 38
Penetration(Steel)	8mm
Spatial Resolution	Horizontal: Ф1.0 mm Vertical: Ф1.0 mm
Image Resolution	19"LED (Single Display)

#### **Image Processing System**

	9 ,	
• Display	Pseud	do-color and Black & White
<ul> <li>Processing F</li> </ul>	unctionF1/F2	2/F3 self-definition combination,
	edge	enhancement, negative, partial
	enhar	ncement, gray scale scan.
<ul> <li>Saves Capa</li> </ul>	ity & Pull back100,00	00 images / infinite review
	(the p	previous picutures)
<ul> <li>Resolution</li> </ul>	1440 >	× 900
<ul> <li>Processing 8</li> </ul>	Gray Scale24Bit	real-time processing/8192
<ul> <li>Enlargement</li> </ul>	Up to	64X dynamic continuous zoom
	& pai	nning

#### X-Ray Generator

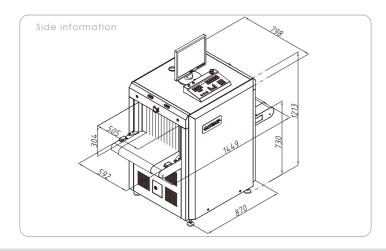
<ul> <li>Anode Voltage</li> </ul>	80 KV (adjustable)
Beam Direction	From bottom
Cooling & Running Cycle	Sealed oil cooling & 100%
X-Ray Sensor	Single-energy L photoelectric diode
	array detector

### **IPC Configuration**

<ul> <li>Standard FunctionWin7; RAM: 2GB; Hard Disk: 500G</li> </ul>	ì.
Optional FunctionRAM: 4G、8G、16G;	
Hard Disk: 1T√2T;	
Video Card: 2G、4G、8G;	

#### X-Ray Security

0	Leakage	.< 1μGy/h (5cm distance from outer),
		According to the national and internationa
		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
- Image Split Joint

### **Optional Function**

- Double Display
- EI-BB100 Black Box
- Energy Saving
- OTP The Operator Training Program
- Voltage Stabilizer

- · 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

## Extend Protective Cover and Double-layer Lead Curtain In Entry

- And Exit • UPS Uninterruptible Power Supply
- 0.6m Entry / Exit Flatbed Roller Tables

#### **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	.375 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 0.37 (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-5030A won "EU CE certification", "U.S.A FCC certification".

