EASTIMAGE ®

EI-5536 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-5536 is a practical security equipment which has been widely applied for public security organs and its medium tunnel design is specially for objects' inspection such as backpacks ,cabin baggage, parcels and so on.

EI-5536 has high mobility (and could be easily move to any locations which need the security inspection) through rolling casters, integrated monitor and keyboard. EI-5536 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
- ◆ Tourist Attractions
- ◆ Museums
- ◆ Exhibition Halls

General Specification

- Tunnel size...............................555 mm (W) x 360 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).....................Typical: 32 mm   Standard: 30 mm
- Spatial Resolution.....................Horizontal: Φ1.0 mm   Vertical: Φ1.0 mm
- Image Resolution......................19''LED (Single Display)

Image Processing System

- Display......................................Black / White, Color
- Processing Function.................F1/F2/F3 self-definition combination,
  edge enhancement, negative, partial
  enhancement, gray scale scan.
- Saves Capacity & Pull back.....100,000 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 Function....................Win7;   RAM: 2GB;   Hard Disk: 500G.
- Optional Function.....................RAM: 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

Side information
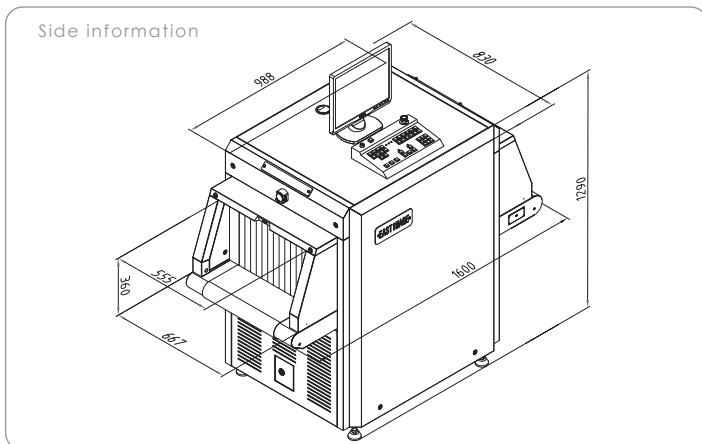
System Function

- 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 Double-
  layer 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
- Energy Saving
- OTP The Operator Training Program
- Voltage Stabilizer
- 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...1600 mm (L) x 830 mm (W) x 1290 mm (H)
- Weight..415 KG
- Working Temperature / Humidity......0℃ ~ + 45℃ / 10% ~ 95% (non-condensing)
- Storage Temperature / Humidity........- 40℃ ~ + 60℃ / 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.

WSF ISO9001   **WSF** ISO14001   **WSC** OHSMS   CE   FC   FDA

Our company has won QMS "ISO9001: 2008", EMS "ISO 14001:2004", OHSMS"GB/T28001-2011".

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AJ-DC-03-201704-E