EI-V150180DV Dual View 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-V150180DV is a practical large tunnel x-ray security equipment with dual view which is ideally suitable for large size luggage inspection like oversized checked baggage, bulky objects and so on.

EI-V150180DV can display horizontal and vertical images by two independent generators, therefore operators can identify overlapping objects and detect out dangerous, illegal objects, contraband easily and precisely.

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

- Civil aviation
- Railway

- Highway
- Custom

- Port

General Specification

- Tunnel size................................1550 mm (W) x 1810 mm (H)
- Conveyor Speed........................0.2 m/s
- Conveyor Height......................400 mm
- Max. Load...............................2000 kg (Evenly distributed)
- Resolution..............................AWG 36 (from top) AWG 36 (from side)
- Penetration(Steel)....................40 mm (from top)   43 mm (from side)
- Spatial Resolution(from top)......Horizontal: Φ1.6 mm Vertical: Φ1.6 mm
                 (from side)....Horizontal: Φ1.3 mm Vertical: Φ1.3 mm
- Image Resolution......................22''LED (Double 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..............................1680 × 1050
- Processing & Gray Scale..........24Bit real-time processing/65536
- Enlargement............................Up to 64X dynamic continuous zoom & panning

X-Ray Generator

- Anode Voltage..........................200 KV (adjustable)
- Beam Direction.........................From top & From side
- 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; Video Card: 2G;
- Optional Function.....................RAM: 4G、8G、16G; Hard Disk: 1T、2T; Video Card: 4G、8G;

X-Ray Security

- Leakage....................................< 3μGy/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
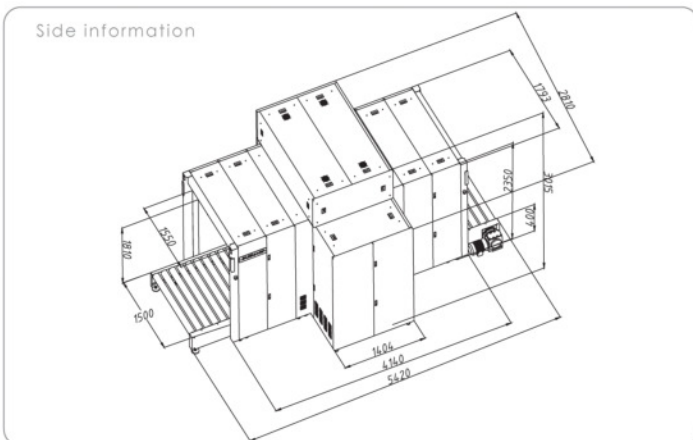
System Function

- 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
- X-Autosight
- Single-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
- X-Ray Emission Timing
- Outlet Skateboard
- Image Split Joint

Optional Function

- Bi-directional Scanning
- EI-BB100 Black Box
- OTP The Operator Training Program
- Voice Announcement Function
- Voltage Stabilizer
- UPS Uninterruptible Power Supply
- 1.2m Roller type Roller Tables
- Voice Recording Function

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..5420 mm (L) x 2810 mm (W) x 3015 mm (H)
- Weight....................................3800 KG
- Working Temperature / Humidity......0℃～+45℃ / 10%～95% (non-condensing)
- Storage Temperature / Humidity.......- 40℃～+60℃ / 10%～95%(non-condensing)
- Power Supply.......................AC 220V or AC 380V(+10%～-15%) 50±3 (Hz)
- Power consumption............................About 2.5(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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