EI-6550DV Multi Energy X-ray security inspection equipment

Product Instruction

EI-6550DV is a new product of dual view x-ray security inspection equipment. It can display horizontal and vertical images by two independent generators, and can quickly detect organic, inorganic, mixtures or light metals according to the effective atomic number of detected objects, which can identify overlapping articles and contraband easily and precisely.

Technology Features

- Dual view design; display horizontal and vertical images simultaneously;identify overlapping articles and contraband easily and precisely.
- New x-ray protection technology
- Multi-functions image processing system
- EI-TIP(Threat Image Projection) function

- Shiny clear images
- Any selection of the image magnified area
- Collect the high-speed parallel of detection data
- Removable split structure with independent console
- Medium tunnel design with multi-functions operator interface
- Support JPG&BMP image transformation format to USB

Applications

- Public Entertainment Places
- Conference Center

- Public Security System
- Tourist Places

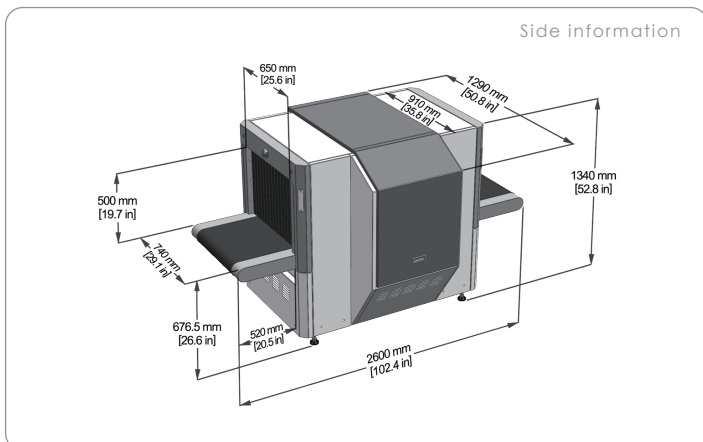- Government Office
- Border Crossing

General Specification

- Tunnel Size..650 mm（W）×500 mm（H）
- Conveyor Speed....................................0.2m/s
- Conveyor Height...................................676.5mm
- Max. Load...160 kg（Evenly distributed）
- System noise..<65dB（A）
- Resolution..Typical：40AWG　Standard: 38AWG
- Penetration (steel)................................Typical: 32mm　Standard: 30mm
- Spatial Resolution…………....................Horizontal: Φ1mm　Vertical：Φ1mm
- Image resolution..................................17''LCD 1280×1024

Image Processing System

- Display...Color & Black and white
- Processing Function.............................F1/F2/F3 self-definition combination, edge enhancement, negative image, organic/inorganic separation, high level enhancement, gray scale scan
- Image Capacity & Pull back..................100,000 images / unlimited review of previous pictures
- Resolution..1280×1024
- Processing & Gray Scale......................24Bit real-time processing/4096
- Constituencies & Enlarge.....................Any constituencies 1 ~ 32multiple enlarge，full screen continuous check
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X-Ray Generator

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

X-Ray Security

- Single inspection dose rate........< 5μGy
- Leakage.....................................< 2μGy/h（from the shell 5cm），comply with the national and international safety standard
- Film Safty..................................According to the ISO1600（33DIN）High speed standard

System Function

- Date & Time Display, Luggage Counting, System Working Timing, X-Ray Emission,Working Status Display, User Management, Fault Self-diagnosis and Maintenance Functions, Alarm Function, Urgent Stop, Limits of Authority Management for Operator, Self-check Power-on, Image Magnification Display, Save and Retrieval, Image Navigation, Bi-directional scanning, Image Recognition Training, Network Interface, Browse, Save As, Plication.

Optional Function

- High Density Area Alarm, Black Box, TIP Threat Image Projection, X-AutoSight Contraband Auxiliary Recognition System, OTP Operator Training Program, One Key to Shutdown, Environment Protection and Energy Saving.

Installation Data

- Size ....2600mm（L）x 1290 mm (W) x 1340 mm（H）
- Weight 800KG
- Working Temperature / Humidity.....0℃ ~ + 45℃ / 20% ~ 95% (non-condensing)
- Storage Temperature / Humidity......- 40℃ ~ + 60℃ / 20% ~ 95% (non-condensing)
- Power Supply.....................AC 220 V(+10%~-15%) 50±3（Hz）
- Power Consumption...........About 0.55（KVA）

Remark: above data base on National standard GB15208.2

Safety Standard

Comply with the Chinese national standard GB15208.1-2005

Side information

650 mm [25.6 in]
1290 mm [50.8 in]
910 mm [35.8 in]
1340 mm [52.8 in]
500 mm [19.7 in]
740 mm [29.1 in]
676.5 mm [26.6 in]
520 mm [20.5 in]
2600 mm [102.4 in]

Notice: Specifications are subject to change without notice.