EI-8065D Multi-Energy X-Ray Security Inspection Equipment

Product Instruction

EI-8065D multi-energy X-Ray security inspection equipment able to detected the organic, inorganic, mixtures or lightly metals precisely and quickly, simple and high efficient operation, reasonable human design. We provide a completely intelligent and safety inspection system for our customers.

Technology Features

- Shiny clear images
- Multi-Energy penetration system (≥32mm)
- New X-Ray protection technology (<1μGy/h)
- Multi-functions image processing system
- EI-TIP (Threat Image Projection) function
- Any selection of the image magnified area

- Collection the high-speed parallel of detection data
- Removable split structure with independent console
- Support JPG & BMP image transformation format to USB
- Big tunnel design with multi-functions operator interface
- High- resolution (40AWG diameter 0.0787mm tinned copper)

Applications

- Civil aviation
- Railway

- Highway
- Custom

- Port

General Specification
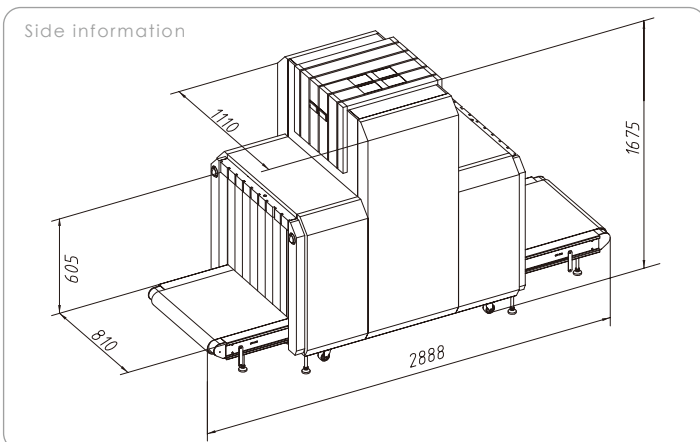
- Tunnel Size.............................810 mm（W）× 650 mm（H）
- Conveyor Speed......................0.2m/s
- Conveyor Height......................285 mm
- Max. Load...............................200kg（Evenly distributed）
- Resolution..............................Typical：40AWG　　Standard: 36AWG
- Penetration (steel)...................Typical:32mm　　　Standard: 30mm
- Spatial Resolution....................Horizontal: Φ1.0 mm　Vertical：Φ1.3 mm
- Resolution..............................17''LCD 1280×1024

Image Processing System

- Display..Colorful & Black and white
- Processing Function..............................F1/F2/F3 self-definition combination,
  edge enhancement, negative,
  the organic & inorganic excluding,
  high & low penetration,
  super enhancement, gray scale scan
- Saves Capacity & Pull back...................100,000 images / infinite review
  (the previous picutures)
- Resolution...1280×1024
- Processing& Gray Scale.........................24Bit real-time processing/4096
- Constituencies & Enlarge.......................Any constituencies 1～32 multiple
  enlarge，full Screen continuous check

X-Ray Generator

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

Side information

X-Ray Security

- Single inspection dose rate........< 2µGy
- Leakage....................................< 1µGy/h（from the shell 5cm），
  according to the national and international
  safty 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, Scanning, Image Recognition Training, Network Interface, Browse, Save As, Plication, Ultra-thin scanning.

Optional Function

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

Installation Data

- Size...................................2888mm（L）x 1110 mm（W）x 1675 mm（H）
- Weight ....800 KG
- 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 0.45（KVA）

Remark: above data base on National standard GB15208.2

Safety Standard

According to the national standard of the People's Republic of China GB15208.1-2005

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CE

FC

Our company has won QMS "ISO9001: 2008", EMS "ISO 14001:2004", OHSMS "GB/T28001-2011",
EI-8065D won "EU CE certification", "U.S.A FCC certification"