

EI-V6040 Multi-Energy X-Ray Security Inspection Equipment



Product Instruction

EI-V6040 multi-energy X-Ray security inspection equipment able to detect 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($\geq 32\text{mm}$)
- ◆ New X-Ray protection technology($< 1\mu\text{Gy/H}$)
- ◆ Multi-functions image processing system
- ◆ RS-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
- ◆ Middle tunnel design with multi-functions operator interface
- ◆ High-resolution(40AWG diameter 0.0787mm tinned copper)

Applications

- ◆ Public Entertainment Places
- ◆ Conference Center
- ◆ Public Security System
- ◆ Tourist Places
- ◆ Government Office
- ◆ Border Crossing

General Specification

- Tunnel Size.....615 mm (W) × 415 mm (H)
- Conveyor Speed.....0.2m/second
- Conveyor Height.....677.5mm
- Max. Load.....160 kg (Evenly distributed)
- System Noise.....<60dB (A)
- Resolution.....40AWG (diameter 0.0787mm tinned copper)
- Penetration.....≥32mm steel
- Spatial Resolution.....Horizontal: Φ1 mm Vertical: Φ1mm
- Image resolution.....17"LCD 1280×1024

Image Processing System

- Display.....Colorful & Black and white
- Processing Function.....F1/F2/F3 self-definition combination, edge enhancement, Anti-like display, the organic& inorganic excluding, high & low penetration, super enhanced, gray scale scan
- SaveCapacity & Pull back.....100,000 images / checked images continuously pull back 200pcs
- Resolution.....1280×1024
- Processing & Gray Scale.....24Bit real-time processing/4096
- Constituencies & Enlarge.....Any constituencies 1 ~ 32multiple enlarge, full screen continuous check

X-Ray Generator

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

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, Bi-directional scanning, Image Recognition Training, Network Interface, Browse, Save As, Plication.

Optional Function

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

Installation Data

- Size2050mm (L) x 828 mm (W) x 1290 mm (H)
- Weight545KG
- Working Temperature / Humidity.....0°C ~ + 45°C / 20% ~ 95% (non-condensing)
- Storage Temperature / Humidity.....- 40°C ~ + 60°C / 20% ~ 95% (non-condensing)
- Power Supply.....AC 220 V (+10% ~ -15%) 50±3 (Hz)
- Power Consumption.....About 0.45 (KVA)

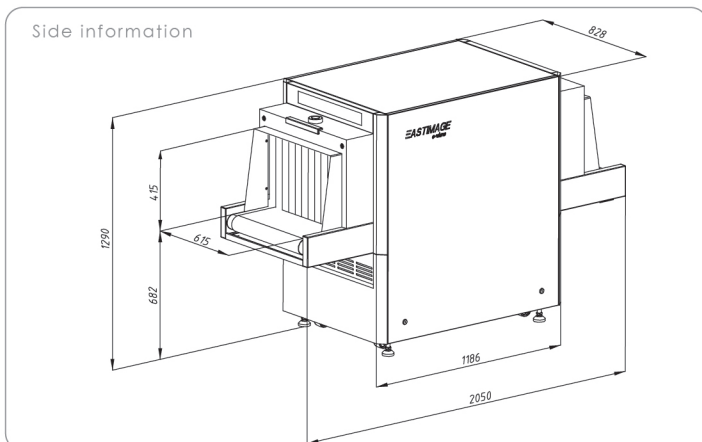
Remark: above data base on National standard GB15208.2

Safety Standard

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

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



Shanghai Eastimage Equipment Co., Ltd.

Address: No.111, Zhiye Road, Pudong New District, Shanghai, P.R. China

Tel: +86 21 33909300

Fax: +86 21 58545890

E-mail: sales@eastimage.com.cn

Http: //www.eastimage.com.cn

Post code: 201200