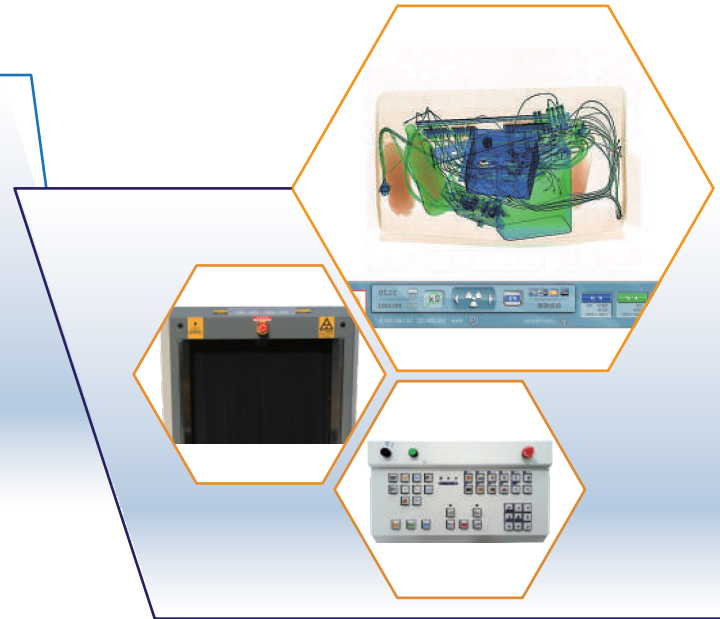# IIDXM-6550

Multi-Energy X-Ray Security Inspection Equipment

Product Instruction

IIDXM-6550 is a practical medium tunnel design security equipment which has been widely applied for railways, civil aviation, rail transportation and other large traffic places.

IIDXM-6550 has high mobility (and could be easily move to any locations which need the security inspection) through rolling casters.

IIDXM-6550 is an ideal model for baggage scanning because of its reasonable design and various image processing functions.

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
- Exhibition Halls

- Tourist Attractions
- Conference Center

- Museums

General Specification

- Tunnel size. ....650 mm (W) x 515 mm (H)
- Conveyor Speed. ....0.2 m/s
- Conveyor Height. ....687 mm
- Max. Load. ....160 kg (Evenly distributed)
- Resolution.................................Typical: AWG 40   Standard: AWG 38
- Penetration(Steel)....................Typical: 34 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 pictures)
- 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 Safety. ....According to the ISO1600 (33DIN) High speed standard
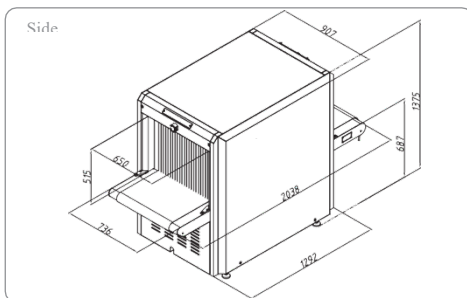
System Function

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

- 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
- Image Split Joint

Optional Function

Double Display
Energy Saving
- OTP The Operator Training Program
- Video System
- Voltage Stabilizer
- LED Screen Display
- Voice Announcement Function

- Extend Protective Cover and Double-layer Lead Curtain In Entry And Exit
- UPS Uninterruptible Power Supply
- 0.6m Entry Flatbed Roller Tables, 1.2m Exit Skateboard
- Voice Recording Function

Video System

- Using the professional video equipment, it 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.

Installation Data

- Size. ....2038 mm (L) x 907 mm (W) x 1375 mm (H)
- Weight..600 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 0.43(KVA)