IIDXM-V6040DV

Dual View Multi-Energy X-Ray Security Inspection Equipment

Product Instruction

IIDXM-V6040DV is a dual view x-ray security equipment and its medium tunnel design is ideally suitable for screening checked backpacks, carry-on baggage, checked baggage and so on.

IIDXM-V6040DV 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

◆ Public Security Organs

◆ Exhibition Halls

Tourist Attractions

Conference Center

Museums

Border Crossing

General Specification

- Tunnel size....................................620 mm (W) x 420 mm (H)
- Conveyor Speed. ....0.2 m/s
- Conveyor Height. ....678 mm
- Max. Load. ....160 kg (Evenly distributed)
- Resolution.................................AWG 38 (from bottom) AWG 40 (from side)
- Penetration(Steel)....................27 mm (from bottom)   32 mm (from side)
- Spatial Resolution(from bottom)...Horizontal: Φ1.0 mm Vertical: Φ1.0 mm
                          (from side)......Horizontal: Φ1.0 mm Vertical: Φ1.0 mm
- Image Resolution. ....19''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 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 & 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. ....< 2µGy/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
- Extend Protective Cover and Double-
  layer Lead Curtain In Entry and Exit

- 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
- X-Autosight
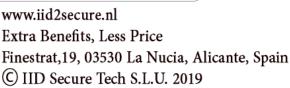- Image Split Joint

Optional Function

- Video System
- Voltage Stabilizer
- 0.6m Entry Flatbed Roller Tables,
  1.2m Exit Skateboard

- Energy Saving
- OTP The Operator Training Program
- UPS Uninterruptible Power Supply

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..2148 mm (L) x 1117 mm (W) x 1322 mm (H)
- Weight. ....700 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 0.49 (KVA)