# IIDXM-10080DV

## Dual View Multi-Energy X-Ray Security Inspection Equipment



## Product Instruction

IIDXM-10080DV is a practical large tunnel design x-ray security equipment with advanced dual view technology and perfectly suitable for scanning bulky objects, oversize luggage, freights and so on.

IIDXM-10080DV 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

| Civil aviation | Highway | Port |
|---|---|---|
| Railway | Custom | |

## General Specification

- Tunnel size. ............................. 1010 mm (W) x 810 mm (H)
- Conveyor Speed. ..................... 0.2 m/s
- Conveyor Height. ..................... 300 mm
- Max. Load. .............................. 200 kg (Evenly distributed)
- Resolution. ...............................AWG 36 (from top) AWG 38 (from side)
- Penetration(Steel). ....................30 mm (from top)     32 mm (from side)
- Spatial Resolution(from top)......Horizontal: Φ1.3 mm Vertical: Φ1.3 mm
                    (from side)....Horizontal: Φ1.3 mm Vertical: Φ1.3 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 top & 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;
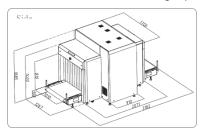
## X-Ray Security

- 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
- Outlet Skateboard
- Image Split Joint

- Single-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

## Optional Function

- Bi-directional Scanning
- OTP The Operator Training Program
- Video System
- Voltage Stabilizer
- Voice Announcement Function

- Energy Saving
- UPS Uninterruptible Power Supply
- LED Screen Display
- 0.2m/s、0.4m/s (Two steps adjustable)
- 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. ....................................................3182 mm (L) x 1706 mm (W) x 1685 mm (H)
- Weight. ................................................ 1000 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 0.54 (KVA)