# IIDXM-5030CS1
## Multi-Energy X-Ray Security Inspection Equipment

## Product Instruction

IIDXM-5030C is a practical security equipment which has been widely applied for public security organs and its small tunnel design is perfect for identification of objects in letters, parcels, handbags, backpacks and so on. IIDXM-5030C has extended protective cover and double-layer lead curtains in both tunnel ends, which can guarantee the operators' and passengers' safety.

IIDXM-5030C has high mobility (and could be easily move to any locations which need the security inspection) through rolling casters, integrated monitor and keyboard. IIDXM-5030C also can be operated remotely via customized keyboard line, video cable and USB cable which can up to 5 meters long.

## 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      Museums      Exhibition Halls
- Tourist Attractions

## General Specification

- Tunnel size. ........................... 505 mm (W) x 304 mm (H)
- Conveyor Speed. ..................... 0.2 m/s
- Conveyor Height. ..................... 730 mm
- Max. Load. ............................... 100 kg (Evenly distributed)
- Resolution. .............................. Typical: AWG 40      Standard: AWG 38
- Penetration(Steel). ................... Typical: 32 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. ........................ 140 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
- 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
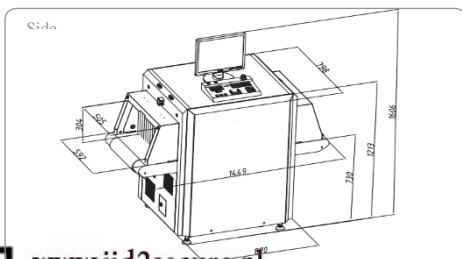- Image Split Joint

## Optional Function

- Double Display
- Video System
- Voltage Stabilizer
- 0.6m Entry / Exit Flatbed Roller Tables

- 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. ................................................. 1449 mm (L) x 798 mm (W) x 1213 mm (H)
- Weight. ............................................. 410 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 0.41 (KVA)