

ITM100100 X-RAY BAGGAGE SCANNER



ITM SYSTEMS: The Global Leader of Security Metal Detectors and Checkpoint Screening

2* 19" High Resolution LCD Monitor;
Display Resolution: 1280*1024;
24 bit/pixel Color

Color material identification:
Organic objects in orange,
inorganic objects in blue, mixture
in green

Assist to detect drug and
explosive powder



Super image enhancement:
Image detail is more
distinct



Brightening/dimming:
Increase/Decrease
brightness of image

Multi-energy: High/low
energy: Switch from high
energy to low energy

GENERAL SPECIFICATIONS:

- Tunnel Size : 1000(W) ×1000(H) mm
- Conveyor Speed: 0.22m/s
- Conveyor Max Load: 250 kg
- Single inspection dosage: < 1.6μGy
- Leakage radiation: <0.2μGy/h
- Wire Resolution: 38AWG
- Steel Penetration: 38mm
- Film Safety: For ISO 1600

ITM Systems offers its services to a wide range of customers from individuals to corporate businesses covering different sectors. As a company we manufacture tailored high tech security solutions for Banking, Airports, Hospitality, Transport, Universities, Telecom, Mining and Petroleum compounds.

X-RAY GENERATOR

1. Orientation: Downward;
2. Tube Current: 0.4~1.2MA (adjustable) ;
3. Anode voltage: 100-160KV (adjustable) ;
4. Angle: 80 °;
5. Cooling: Sealed oil bath with forced air;
6. Generator cooling/working periods:
Sealed oil bath with forced air/100%.

SPECIAL FEATURES

Network interface: Capable of connecting to LAN, and support multi-terminal check for baggage at same time

Safety ray: Ray is transmitted under automatic control, avoiding the error
One-key shutdown control: Just rotate the key to shut down the machine; it is safety, easy and convenient

Eagle eye: Capable of expediently observing the magnifying area

Self-diagnosis function: Give message automatically if malfunction for prompt maintenance



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OPERATING ENVIRONMENT :

- ◆ Operating temperature: 0°C ~ 45°C/20% ~ 95% (Non-condensing)
- ◆ Storage temperature: -20°C ~ 60°C/20% ~ 95% (Non-condensing)
- ◆ Relative Humidity: 20 to 95% non-condensing
- ◆ System Power: 220 VAC (±10%) 50±3HZ
- ◆ Power wastage: 1.0 KW (Max)
- ◆ Noise <58DB
- ◆ X-RAY Sensor: L-shaped array detector, 24bit

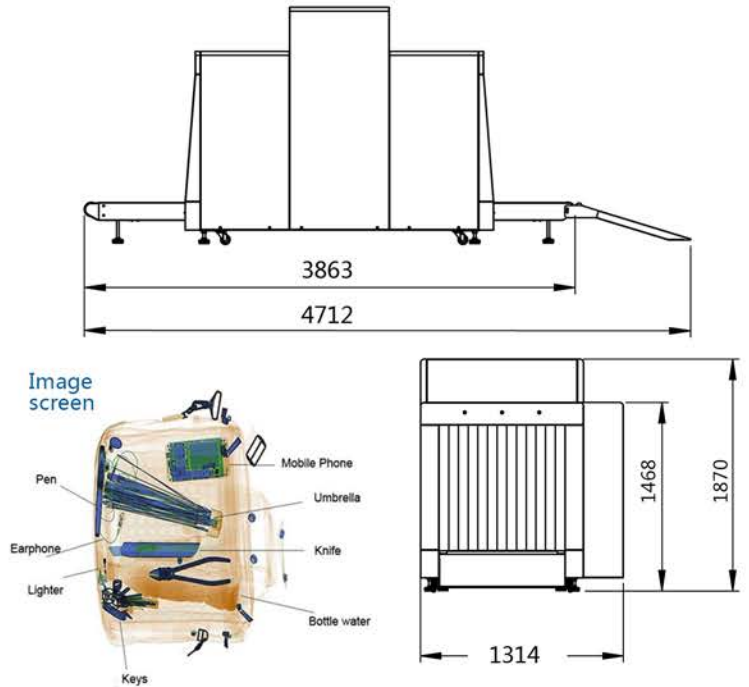
IMAGE PERFORMANCE SYSTEM

- A:** 2* 19" High Resolution LCD Monitor;
- B:** Color quality: 24-Bit real colors based on materials ;
- C:** Contrast Sensitivity: 24 Visible Levels,4096 Gray Level;
- D:** High penetration display: Increase the contrast of bright area in image to make the area that is easy to penetrate appear more clearly;
- E:** Low penetration display: Increase the contrast of dark area in image to make the area that is difficult to penetrate appear more clearly.
- F:** Edge enhancement---The edge of image is more clear ;
- H:** Image storage: 100,000 pictures in real time (can be customized)
Zoom: 64 Times Enlarge, Whole screen continuous observation
- I:** Zoom in/zoom out---Make the image bigger ,make the image smaller ;
- J:** Display the previous twenty images and process any one of them ; Restore image to initial status;
- K:** Brighter/darker---Make image more bright /make image darker ;
- L:** Replay---Playback all images on the screen at current ,

APPLICATION AND CERTIFICATIONS

- Used for scenic spots, gymnasium, expo centre, left- baggage counter, supermarket, hotel ,court, prison..etc;
- Machine parts safeguard measures;
- High performance network function;
- Ministry of public security testing;
- EU CE Certification;
- ISO9001 Certification;
- ISO14001 Environmental Management;
- Radiation safety ;

DIMENSION DRAWING:



ITM100100 X-ray baggage scanner can display pseudo color and black and white images, with simple and efficient operation, with reasonable human design. We provide a fully intelligent and secure inspection system for our customers.

ACCESSORIES :



X-Ray generator(150KV)
Brand: KV Tech



Detection board
Brand: DT (Finland)



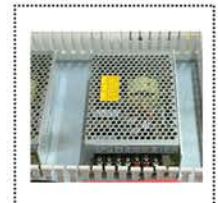
Automatic inverters
Brand: Emerson in USA



19 inch *2 Monitor
Brand: Philips



Roller
Brand: NTN(Japan)



Power supply
Brand: Mingwei (Taiwan)

CONTACT US :

ITM Systems Ltd

Address : Northwing, Broadway Court, Peterborough

PE1 1RP, United Kingdom

Call us : +441733567259