TIMEWATCH®
Presence perfect

X-ray Baggage Inspection System

TWAT6550B

TWAT6550B X-ray Baggage scanner is ideal for screening everything from mid-size packages to oddly shaped items and palletized loads. It is strategically designed for mid-size baggage and parcels to thwart the cleverest attempts at hiding weapons, drugs, stolen goods, and other contraband. Dual-energy imaging provides automatic color coding of materials.

- Linux Operating System.
- Built-in Self-Check & Diagnosis.
- Continuous 10000 working hours.
- High-resolution color display.
- One key turn off.
- Sound & Light Alarm.

Features

Baggage Recording | High Resolution Color Display | Sound & Light Alarm | Multi Energy | Baggage Counter | Scan Palletized Load

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Technical Specification

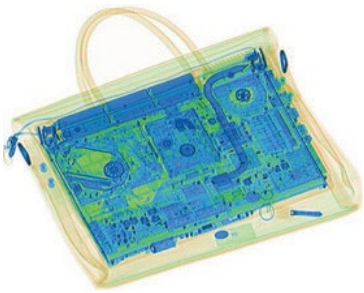
Dimensions	
Tunnel Dimensions	650mm*500mm (±10mm)
System Dimensions	2808 mm (L) × 902 mm (W) × 1362.5 mm (H)
General Specifications	
Conveyor Height	700 mm
Conveyor Speed	0.2 m/s
Max. Conveyor Capacity	160 kg
Performance	
Wire Resolution	AWG40
Penetration (Steel)	35mm (±2mm)
Spatial Resolution	Vertical:1.6mm, Horizontal:1.6mm
Resolution of Organic Matter	1-120mm
Gray Scale and Mixture Resolution	1-40mm
Resolution of Inorganic Objects	0.2-12mm
X-Ray Dosage Each Inspection	≤4.5μSv (uGy)
Boundary Leakage	≤1.0μSv /h(uGy/h)
Duty Cycle	100%
X-ray Generator	
Number of Generators	1
Anode Voltage / Current	160KV
Cooling / Working cycle	Oil cooling, from top to bottom
Health and Safety	
Film Safe	Guarantee ASA/ISO1600Film
Computer Configuration	
Operating System	Linux
Monitor	19" LED screen
Resolution	1920*1080 pixels
Installation Data	
Power Consumption	1.0 KW

Power Supply	220V (±10% - 15%) , 50Hz(±3Hz)
Noise level	< 60 dB
Operating Temperature / Humidity	5˚C to 40˚C / 0% to 90% (non-condensing)
Storage Temperature / Humidity	-20˚C to 60˚C / 10% to 90% (non-condensing)
Weight	480 Kg
Software Function	
Power-On Self-Test	The function of fault self-check automatically judges the fault and prompts the fault code information in time.1-64 times enlargement continuity.
Image Processing	With the function of Color/ B W, negative, high/low penetration, organic /inorganic stripping, general enhancement, pseudo color, etc.
Zoom Facility	64x
Images Storage	Up to 10,000 images automatic storage.
Real-Time Curve	The real-time curve can be used to detect whether the acquisition system and components work normally
Time Setting	System time can be set manually
Probe Setting	It can realize the manual deletion of the low and low energy detection board dead pixels, and display the deleted dead pixels in the display area.
Ray Source Setting	There are two source and analog source control modes, the source parameters of the digital source can be set.
Alarm System	The alarm function can be activated and deactivated, the alarm type of the alarm box sound and light alarm can be selected, and the sensitivity, minimum absorption rate, the maximum absorption rate, and alarm duration can be set.
Trouble Shooting	It can realize whether the components such as the entrance and exit light barrier, side panel switch, emergency stop switch and light source are normal, and display the standard value and the current value of the detection voltage.
Image Setting	The drum running control direction and the image display moving direction can be set.

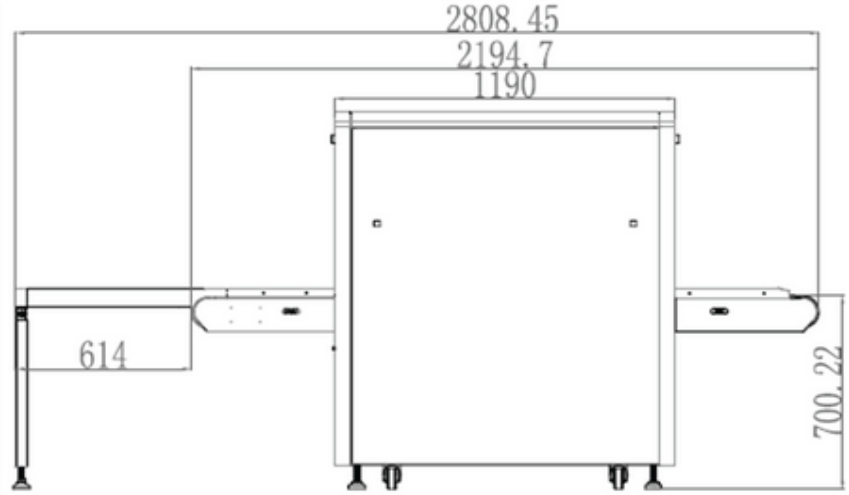
Software Registration	It can realize software registration functions and has a serial number, registration code, registration status and system time information display.
User Login	Log in by entering different user names and passwords, only when logging in can you make other settings.
User Management	You can add, delete, edit the user name and password, and set the user level to restore the deleted user.
Language	English.
TIP Report	The report can be generated by the tip operation after the tip insertion function is turned on, and the content of the report: user name, number of tip insertions, number of tags, false-positive rate, probability of detection, probability of false positives.
Tip Management	It can be set to enable and disable the insertion of dangerous goods, and can set the identification time, Prompt time, insertion frequency, proportion of single items inserted into dangerous goods, add tip files and delete files.
Document Management	It can query, open, and export the checked image.
Function Setting	It can set log level, save the file time, whether to open the training function and set the smart roller.
Data Setting	Display system working hours, the total working hours of the ray source, the total number of system baggage and packages, and the total number of baggage packages this time, and clear the above data.
System Parameter Setting	It can select the exported data, pictures, and backup directory, select and adjust the motor type, detector type, whether to enable the debug mode, model, and gain, enter the corresponding IP address on the network connection to realize sharing function and have corresponding software to achieve system upgrade.

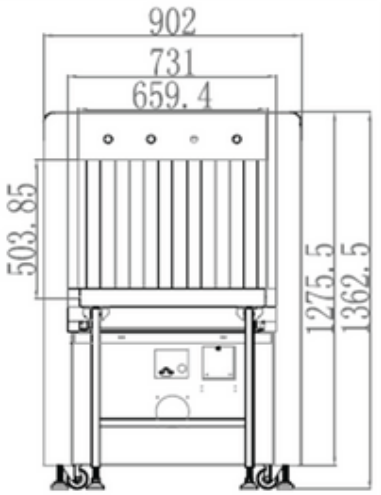
Application

Scanned Image



Dimension Drawing





Disclaimer : All pictures shown are for illustration purposes only. The actual product and color may vary due to product enhancement.
The brief specification is mentioned and may change without prior notice. Please consult us before placing any order.