



Energy Saving



One Key Turn off



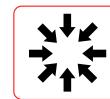
High Resolution Color Display



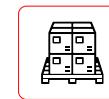
Sound & Light Alarm



Baggage Counter



Compact Design



Scan Palletized Loads

X-Ray Baggage Scanner

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
- Continuous 10000 working hours
- Scan Palletized loads
- Built-in Self-Check & Diagnosis
- High-resolution color display
- Sound & Light Alarm


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Specification

General Specification	
Tunnel Size	659.4*503.85 mm(width×height) ($\pm 20\text{mm}$)
Dimension	2808*902*1362.5mm
Wire Resolution	Typical AWG40
Penetration Resolution	Typical AWG38
Spatial Resolution	Vertical:1.6mm, Horizontal:1.6mm
Steel Penetration	Typical 34m ($\pm 20\text{mm}$)
Resolution of Organic Matter	1-120mm
Gray Scale & mixture Resolution	1-40mm
Resolution of Inorganic Objects	0.2-12mm
X-Ray Dosage Each Inspection	$\leq 4.5\mu\text{Sv}$ (uGy)
Boundary Leakage	$\leq 1.0\mu\text{Sv} / \text{h}$ (uGy/h)
S/N Ratio	<60dB
Conveyor Speed	0.2m/s
Conveyor Max Load	160kg
Power Consumption	1.0KW
Leakage Current	$\leq 5.0\text{mA}$
Film Safety	Guarantee /ISO 1600 Film
Weight	480kg
Operation Temperature/Humidity	5°C -40°C / 0%-90%
Storage Temperature/Humidity	-20°C -60°C / 10%-90%
Atmospheric Pressure	86kPa-106kPa AC
Operation Power	220V($\pm 10\%-15\%$) 50±3Hz
Operation System	LINUX
Configuration	
X-Ray Generator	160KV, oil cooling, from top to bottom
Memory	Operating 1G, storage 8G
Monitor	19"LED screen. 1920*1080



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Software Functions

Power-On Self-Test	With the function of fault self-check, automatically judge the fault and prompt the fault code information in time
Image Processing	With the function of Color/ B W, negative, high/low penetration, organic /inorganic stripping, general enhancement, pseudocolor, etc
Image Recall	30 preceding images are recallable.
Images Stored	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
Troubleshooting	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 current value of the detection voltage



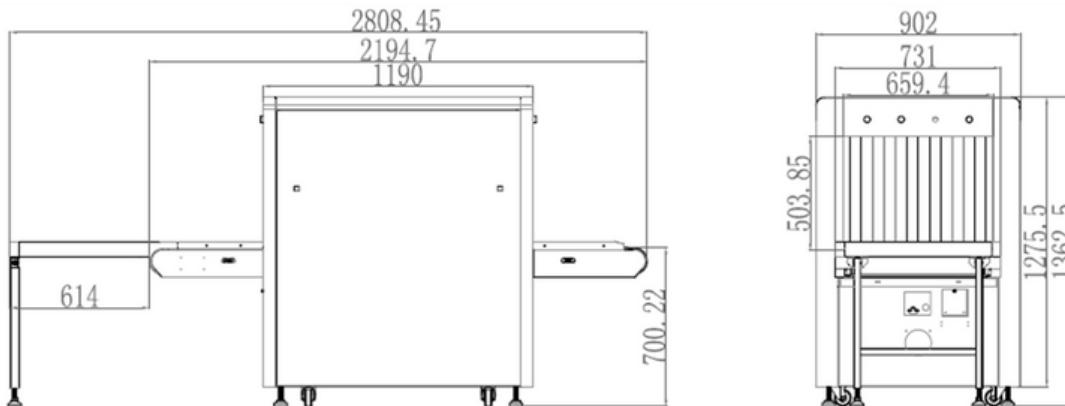
Image setting	Drum running control direction and the image display moving direction can be set
Software registration	Realize software registration functions and has a serial number, registration code, registration status and system time information display
User login	Log in by entering different user names and passwords, only when logging in can you make other settings.
Software registration	Realize software registration functions and has a serial number, registration code, registration status and system time information display
User management	Add, delete, edit the user name and password, and set the user level to restore the deleted user.
Language	English
About	Version and device number can be displayed
TIP report	Reports 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	Function 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	Query, open and export the checked image
Function setting	Set log level, save the file time, whether to open the training function and setting the smart roller
Data setting	Display system working hours, total working hours of the ray source, 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.

Dimensional Drawing

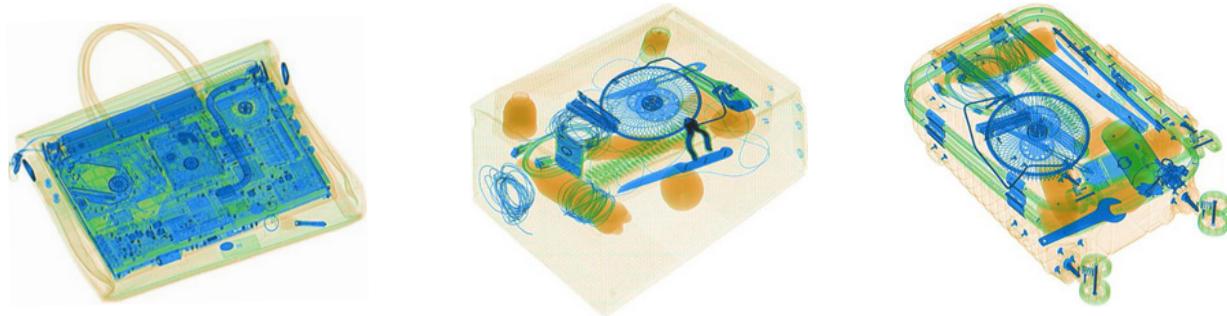


Important Sizes:

ProductSize:2808*902*1362.5mm (L×W×H)

TunnelSize:659.4*503.85 mm(width×height) ($\pm 20\text{mm}$)

Scanned Images



Head Office : D-162, Okhla Industrial Area Phase I,
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Chennai, Kolkata.

International Office : Dubai

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.