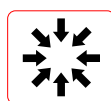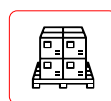|			
Energy Saving	One Key Turn off	High Resolution Color Display	Sound & Light Alarm
Baggage Counter	Compact Design	Scan Palletized Loads	

X-Ray Baggage Scanner

TW6040B

TW6040B X-ray Baggage scanner is ideal for screening everything with AI Features (Optional) 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.
- AI Based Threat Detection

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Specification

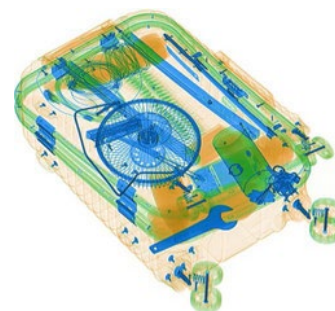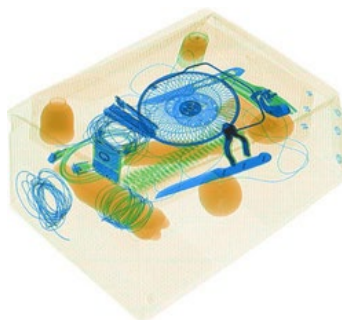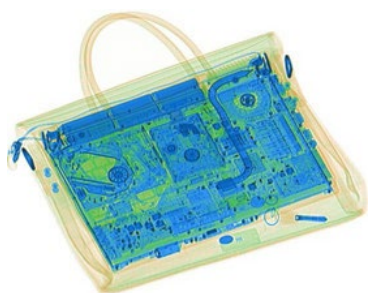| General Specification	
Tunnel Size	620mm*420mm (±10mm)
Product Size	1993*870*1297mm
Wire Resolution	Typical AWG42
Penetration Resolution	Typical AWG38
Spatial Resolution	Vertical:1.0mm, Horizontal:1.0mm
Steel Penetration	Typical 35mm (±2mm)
Resolution of Organic Matter	1-120mm
Gray Scale and Mixture Resolution	1-40mm
Resolution of Inorganic Objects	1-60mm
X-Ray Dosage Each Inspection	≤4.5μSv (uGy)
Boundary Leakage	≤1.0μSv /h(uGy/h)
S/N Ratio	<60dB
Conveyor Speed	0.2m/s
Conveyor Max Load	170kg
Power Consumption	0.5K W
Leakage Current	≤5.0mA
Film Safety	Guarantee ASA/ISO1600
Weight	450kg
Operation Temperature/Humidity	-5°C-55°C / 0%-95%
Storage Temperature/Humidity	-5°C-55°C /10%-90%
Atmospheric Pressure	86kPa-106kPa AC
Operation Power	220V(±10%-15%) 50±3Hz
Operation System	LINUX
Configuration	
X-Ray Generator	160 K V, oil cooling, from bottom to top
Electric Roller	DC
Operating	Linux system, HDD 2TB, Optical Mouse, 2G memory, 8G storage, Networking Facility.
Monitor	21" LED screen, resolution: 1920*1080 pixels

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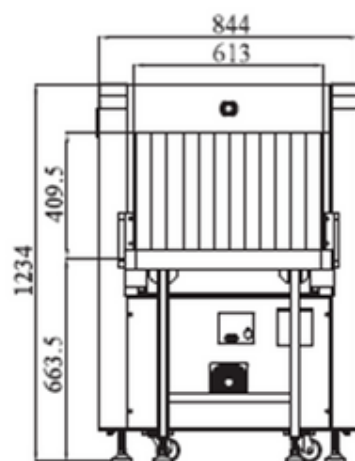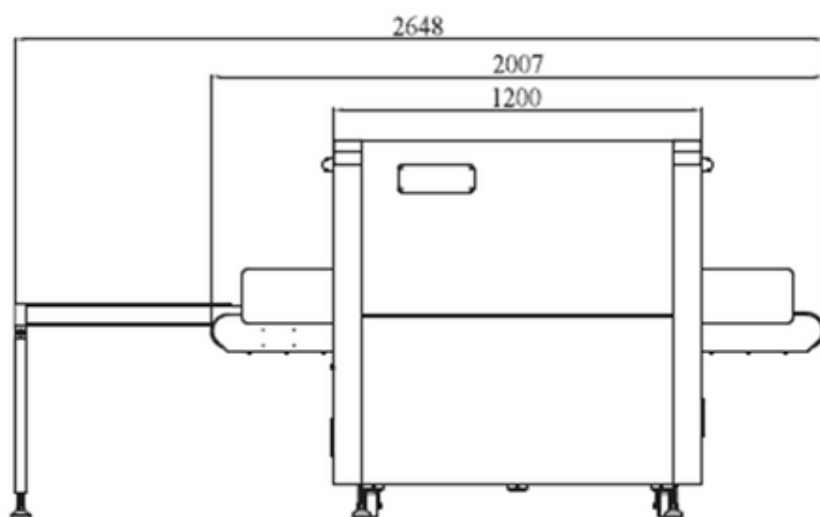| Software Function	
Power-On Self-Test	The function of fault self-check automatically judges the fault and prompts the fault code information in time.1-64 times enlargement continuity.
Image Processing	AI Based With the function of Color/ B W, negative, high/low penetration, organic /inorganic stripping, general enhancement, pseudo color, etc.
Image Recall	30 preceding images are recallable.
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.
Software Registration	It can realize software registration functions and has a serial number, registration code, registration status and system time information display.
User Management	You can add, delete, edit the user name and password, and set the user level to restore the deleted user.

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Language	English.
About	The version and device number can be displayed.
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.

Scanned Image

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