

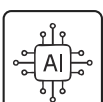
AI-Based X-ray Baggage Inspection System TW5030(AI)



The TW5030(AI) X-ray security inspection system is a new generation X-ray security inspection system that integrates multi-functions such as intelligent detection, baggage connection, etc. This model is applicable to be deployed in scenarios such as office buildings, large events, courts, prisons, embassies, factories, schools, hospitals, public places, etc. The size of the tunnel is suitable for small parcels, backpacks, envelopes, handbags, etc.

- **Intelligent Recognition:** Integrated with the advanced detection algorithm, which could alarm on concealed suspicious items automatically.
- **Remote Management:** Network integration supported real time status, X-ray images, videos, alarm information can be viewed remotely through Network, and report can be viewed and downloaded remotely for better management process.
- **Event-Trace:** History events, X-ray images, photos and related videos can be reviewed through documentation management.

Features



AI-Based



Baggage
Recording



High Resolution
Color Display



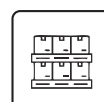
Sound &
Light Alarm



Single
Energy



Baggage
Counter



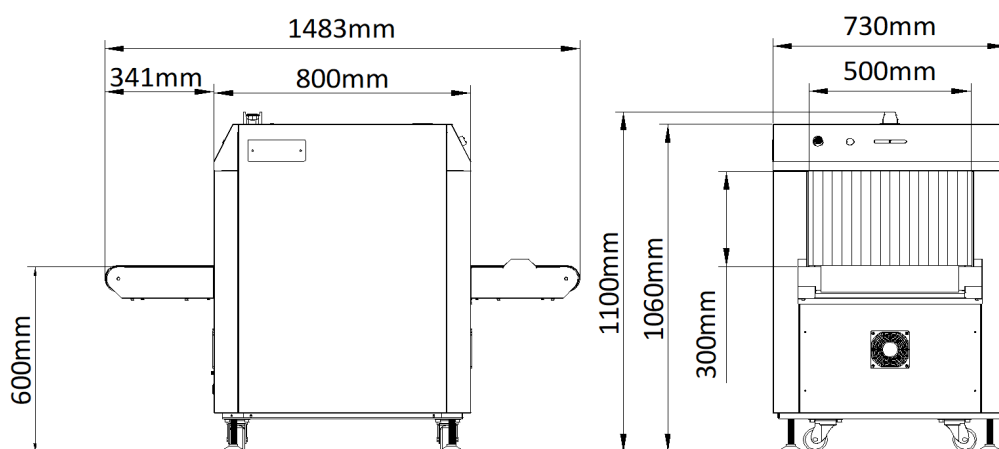
Scan Palletized
Load

Technical Specification

Dimensions	
Tunnel Dimensions	500 mm (W) × 300 mm (H)
System Dimensions	1483 mm (L) × 730 mm (W) × 1060 mm (H)
General Specifications	
Conveyor Height	600 mm
Conveyor Speed	0.2 m/s
Max. Conveyor Capacity	80 kg (Even Distributed)
Performance	
Wire Resolution	36/38 AWG
Penetration (Steel)	6/8 mm
X-ray Generator	
Number of Generators	1
Anode Voltage / Current	80KV / 1.0mA(Adjustable)
Cooling / Working cycle	Oil-cooling / Continuous
Health and Safety	
External dose rate	< 0.5 μ Sv/h (50mm Distance to the Housing)
Film Safe	Guaranteed up to ISO1600
Detection Algorithm	
Prohibited Goods Detection	35 Major Types, over 64 categories
Others	Shield Alarms, etc.
Integrated Cameras	
Cameras	2 Camera, Resolution: 1920x1080
Sensor Type	1/2.8" Progressive Scan CMOS
Video Compression Standard	H.265 / H.264 / MJPEG
Installation Data	
Power Consumption	< 0.5 KVA
Power Supply	AC 110V to 230V (-15% to +10%) , 50Hz/60Hz ($\pm$ 3Hz);
Noise level	< 60 dB
Operating Temperature / Humidity	5 °C to 40 °C / 5 % to 95 % (non-condensing)

Storage Temperature / Humidity	-20 °C to 60 °C / 5 % to 95 % (non-condensing)
Weight	300 Kg
Additional Features	
Image Processing	Color / Black & White(C/B&W), Negative, High/Low penetration (H/L), Absorptivity increase(ABS+), Absorptivity decrease(ABS-), Super Enhancement (SEN), Edge Enhancement(Edge), 64x seamless zoom in and out, etc.
Software Functions	Professional TIP system, Operation Intro, Photo and X-ray image connection, etc
Operation Display	21.5 inch
Storage	100,000 +

Dimension Drawing



Application



Airport



Railways



Defense



Education



Hospital



Government



Office



Bank



Retail

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.