BR-TS6040 X-ray Baggage Scanner

Application: security inspection for carry-on baggage or parcels etc. It is an ideal security inspection system to inspect medium size baggage in railway stations, bus stands, government institutions, mall centers, multiplex theaters, hotels etc.

Main Features:

◆ Ergonomically Designed Operating Console Features User-friendly

◆ High Density Alarm

◆ Cost Effective

◆ Extremely High Resolution

◆ Multi-language Support

◆ Dual-energy Material Discrimination

◆ Assist to Detect Drug and Explosive Powder

◆ GPU-accelerated Image Processing

Technical Parameters:

General Specification	
Tunnel Size	605mm(width) ×405mm(height)
Conveyor Speed	0.2m/s
Conveyor Height	645mm
Max. Load	160kg(even distribution)
Wire Resolution	40AWG（0.0787mm of wire）> 44 SWG
Spatial Resolution	horizontal Φ1.0mm vertical Φ1.0mm
Penetrable Resolution	34AWG（0.160mm)
Steel Penetration	40mm
Monitor	17-inch color monitor with resolution:1280×1024

X-ray Generator	
Anode Voltage	140-160Kv
Cooling/Run Cycle	sealed oil cooling/ 100%
Per-inspection Dose	less than 1.0μGy

Image Processing System	
Image Enhancement Features	color/black & white image ,organic and inorganic elimination ,alterable absorption, super-enhancement, negative mode, high/low energy penetrability, pseudo color etc
Image Resolution	organics: orange inorganic: blue mixture and light metal: green
Selection and Enlargement	variable zoom, 1-32 times enlargement, support continuous enlargement
Image Playback	50 checked images playback

Storage Capacity	at least 100,000 images

Radiation Safety

Radiation Leakage	less than 1.0μGy /h (5cm away from shell) comply with all domestic and international health and radiation safety standards
Film Safety	in accordance with ASA/ISO1600 film safe standard

System Functions

TIP(Threat Image Projection), hazardous area alarm,high density alarm, date / time display, baggage counter, user management, system timing, ray beam timing, power on self test, image back-up and search, maintenance and diagnosis, bi-directional scanning

Optional Functions

video monitor system/LED(liquid crystal display)/energy-conservation and environmental-protection equipment/electronic weighing system/speaker etc

Installation Data

External Dimension	1915mm(length) ×865mm(width) ×1210mm(height)
Operation Console Size	1100mm(length) ×704mm(width) ×1195mm(height)
Weight	600Kg
Operation Voltage	AC220V(-15%~+10%)　50±3Hz
Power Consumption	0.6kVA
Operation Temperature	0℃±3℃～+40℃±2℃
Storage Temperature	-40℃±3℃～＋60℃±2℃
Relative Humidity	5%～95%(non-condensing)
Noise Level	56dB(A)