X Ray Baggage Scanner

Model: AT5030C

AT5030C

High resolution image

Friendly operation keyboard
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◆ General Specification :

Tunnel Size: 500mm×300mm
Conveyor Speed: 0.22m/s
Conveyor height: 663mm
Conveyor Max Load: 150kg
X ray Dose per inspection: <0.125μSv
Wire Resolution: 38AWG guarantee, 40 AWG typical
Spatial resolution Level: dia1.0mm, Vertical: dia1.0mm
Penetration: 30mm steel guarantee, 32mm steel typical
Film Safety: Guarantee ASA/ISO1600 Film
X-ray Leakage: <0.87 μSv/h (at a distance of 5cm From external housing)

◆ Image System :

Technical Principle: Dual-energy X-ray Imaging; L Shaped Array,
X-ray Sensor: L-Shaped Photodiode Array (multi-energetic)
Monitor: High Resolution Color, LCD Accord, 17inch
Image Display: High resolution of 1024 * 1280 pixel; Image Grey Level: 65536
Image Enhancement: 1-64times enlargement continuity, Color/BW, negative, high/low penetration, organic /inorganic Stripping, general enhancement, and pseudo color, etc.
Image Recall: All preceding images recallable, retrieval.
Explosives & Narcotics Detection: Assist suspicious Explosives & narcotics alarm and highlight according to atomic number signature
High Density Region Alarm: Impenetrable region alarm and highlight, for possible concealing of threats and contrabands
Threat Image Projection: Inserting fictional, but realistic images of threat items into baggage during screening operation, for maintenance of vigilance, as well as training and assessment of image identification capability
Image Archive: Up to 100,000 images stored automatically, enable transferring to USB disk, and converting to JPG, BMP and other general formats
Miscellaneous Functions: Time/date display, counters, user management, system-on/X-ray-on timers, power on self test, built-in diagnostic facilities, dual-direction scanning, system log, system standby, etc.
Network Applications: Multiple remote applications available based on Ethernet LAN and windows platform, such as image centralized storage and identify, recheck workstation, and network TIP, etc (Optional).
Images process: 24bit real time processing, 4colors analysis, Images displayed marked date and ID NO, Count the number of bags, Memory gray level:65536
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◆ Operating Environment:

Operation temperature/Humidity: 5°C-40°C/10%-95%(non-condensing)
Storage Temperature/Humidity: -20°C to 60°C/ 5%-95%(non-condensing)
Operation Power: 220VAC(±10%) 50±3Hz (Optional: 100VAC, 110VAC, 120VAC, 200VAC)
Power Consumption: 1.0KW (max), 0.7KW(working)
Noise: <58db
Dimension Size
Dimensions (L×W×H): 1660mm x 746mm x 1165 mm
Device Weight: 330Kg
G.Weight: 470Kg
Packing Volume: 2.35CBM

◆ Computer Character:

CASE: GT6058
Power: 300W/ATX
Main board: H61 SYM76993VGGA
CPU: G1610 2.6G
Storage: 2GB 1600MHz DDR3 Innodisk
Hard Disk: SEAGATE 500G 3.5”

◆ X-ray Generator:

Anode Voltage: 140kv
Anode power: 0.35mA
Generate angle: 80 degree upward
Brand: SECUSCAN (own made)
Generate direct: from bottom to top
Cooling / Duty Cycle: Oil Cooling /100%

◆ Other Characters:

Detect PCB board: UK brand Sensortech
Extension Rollers: customize size length
Support card reader operator access
CD DVR/RW unit: Optional
Computer system: XP system
UPS: 15mins, 30mins, 60mins etc, optional


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