



X-Ray Baggage Scanner

Model **CV-6550**

Product highlights

- * Multilingual operation
- * Automatic test ,self diagnosis
- * Secure access Key
- * Network ready for remote control
- * Threat alert & material classification
- * Auto archiving
- * Energy saving design
- * One key turn off
- * Drugs and explosives inspection
- * Indication of the date and time
- * Baggage counter



Physical Specifications

Unit Net weight (kgs)	500kg
Unit size (mm)	2080(L)*864(W)*1093(H)
Package	Wooden packing
Gross weight (kgs)	560kg
Packing size(machine body)	#1: 218*91*126cm
(console desk)	#2: 70*70*143cm ;70kg

General Specifications

Tunnel size(mm)	654(L)*501(W)
Conveyor Speed(m/s)	0.22m/s , 2400 objects per hour
Conveyor height(mm)	632mm
Conveyor Max Load(kgs)	175kg
X ray dose per each inspection	0.7 μ Gy
X ray leakage	<0.5 μ Gy / hour(at the distance 5cm with external housing)
Penetration	32mm steel
Wire Resolution	38AWG (guarantee), 40AWG(typical)
Penetration Resolution	dia 0.254mm copper wire (AWG30) under three-step aluminum wedge 9.5mm, 15.9mm, 22.2mm
Spatial resolution:	Horizontal:dia1.0mm,Vertical: dia1.0mm
Power Consumption	Max. 0.6KW
Noise	< 58 dB
Film Safety	Guarantee ASA/ISO1600 Film

X-ray Generator (single)

Anode Voltage	80-140KV(adjustable)
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Tube Current	0.4 ~ 1.2 mA (adjustable)□
Generate angle	80 degree upward
The Beam direction	From bottom to top
Cooling / Duty Cycle	Sealed Oil Cooling /100%
Brand	US Spellman brand
Image System	
X-ray Sensor	L-Shaped Photodiode Array , 24bit Deep
Image Display	High resolution of 1024 * 1280 pixel; Image Grey Level: 4096
Image Enhancement	1-64times enlargement continuity, Color or B/W, negative, high/low penetration, organic /inorganic Stripping, Edge enhancement, etc.
Image Recall&Scroll	All preceding images recallable,move image forward and backward on screen
Explosives & Narcotics Detection	Explosives & narcotics alarm and highlight according to atomic No signature
High Density Region Alarm	Impenetrable region alarm and highlight, for possible concealing of threats and contrabands,Automatic organic material threat alert.
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 150,000 images stored automatically, enable transferring to USB disk, and converting to JPG, BMP,PNG 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, system setting, system log /exit, system standby and stimulant training,generator preheating auto record print
Network Applications	Multiple remote applications available based on internet and windows platform, such as image centralized storage and identify, recheck at workstation, and Teamview
Images process	32bit real time processing ,4colors analysis, Images displayed marked date and ID No, Count the number of bags
Auto Scanning function	Sensor built in entry of tunnel ,when we put object on conveyor, the machine will start to scan the objects automatically,need not to manual operate it.
Bi-Direction Scanning	Two directional scanning forward and backward ,Images will display both ways on the screen,user can set moving direction in the system .
Operating Environment	
Operation temperature/Humidity	0°C-45°C / 5%-95%(non-condensing)
Storage Temperature/Humidity	-40°Cto 70°C / 5%-95%(non-condensing)
Operation Power	220VAC(±10%) 50±3Hz (Optional: 100VAC,110VAC,120VAC,200VAC)
UPS	15mins, 30mins, 60mins etc, optional
Computer and other	
Monitor	High Resolution Color, 1280*1024 LCD PHILIPS, 19inch
Hard Disk	SEAGATE brand 1TB memory
CPU	Intel i5 8500
Storage	2GB 1600MHz DDR3 Innodisk

Main board	IMX6_mainboard-V037
Keyboard	made in stainless steel,special operation keyboard with touch mouse
Control console	self-made single monitor table (1000x750x1238mm)
System	Windows 7 or XP system support
Compliance certificate	
International & China	<ul style="list-style-type: none"> * ISO19001 ; ISO14001 ; OHSMS18001 ; * CE SGS * USA FDA * Radiation Safety Certificate from Ministry of Public Security
Demension size (mm)	

