

Technical Features

- Unsuppressed high image quality with wire resolution up to 40AWG
- Efficient operating with ergonomically designed user interface
- Threat Image Projection (TIP) ready X-ray systems
- Optimized concept of operations, centralized image identify and storage capability implemented by various network applications
- Dual-view system facilitates identification of threats and contrabands by imaging in two perpendicular views
- Dual-tunnel system offers an economic and space saving solution with high throughput

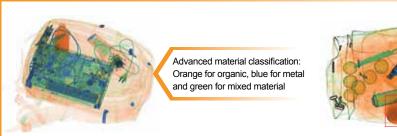
Summary

Scan-X Limited offers a series of X-ray inspection systems for luggage and cargo screening, with various tunnel sizes, dual-view and dual-tunnel options. Based on the best proven CX products platform, the CX Luggage & Cargo X-ray Inspection System has fully inherited the world-leading image performance, ergonomic user interface, advanced imaging enhancing algorithms, powerful functions and network applications, as well as high reliability and safety.

With unparalleled high image quality and advanced dualenergy material classification technology, the CX Luggage & Cargo X-ray Inspection System can completely meet all security and customs screening needs and applications at airports, rail transportation stations, ports, critical infrastructures, and big events, etc.



Scan-X CX Series Luggage & Cargo X-ray Inspection System





Automatic detection and alarm of contrabands

Technical Data

General Specifications

Technical Principle Dual-energy X-ray Imaging

Image Display 17" color LCD, high resolution of 1280×1024

Image Enhancement Color/BW, negative, high/low penetration, organic /inorganic

stripping, general enhancement, and pseudo color, etc.

Image Zoom Stepwise/stepless zoom, up to 32 times enlargement

Image Recall All preceding images recallable

Explosives & Narcotics Detection 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 50,000 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 and stimulant

training, 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.

Radiation Safety Less than 1µGy/h (5cm from the housing), complying with all

published international standards

Film Safety Guaranteed for high speed film up to ASA/ISO1600 (33DIN)

Products —	CX8065TI	CX100100TI	CX100100D	CX16580S	
Tunnel Dimensions (W×H)	810mm×655mm	1010mm×1005mm	1010mm×1005mm Dual-view	825mm×810mm Dual-tunnel	
Load Capacity	200Kg	200Kg	200Kg	200Kg	
Conveyor Height	300mm	300mm	300mm	380mm	
Conveyor Speed	0.20m/s	0.20m/s	0.20m/s	0.35m/s	
Wire Resolution	38AWG	38AWG	38AWG	38AWG	
Steel Penetration	34mm	34mm	34mm	40mm	
Dimensions (L×W×H)	2960mm×1100mm	3600mm×1300mm	3600mm×1695mm	1700mm×2500mm	
	×1565mm	×1790mm	×1870mm	×1400mm	
Weight	700Kg	1200Kg	1450Kg	800Kg	
Power Consumption	0.8kVA	1.0kVA	1.4kVA	1.0kVA	
Note: Image performance appointing are based as test piece completes with CD 15200 2 2006					

Note: Image performance specifications are based on test piece complying with GB 15208.2-2006

