Scan-X CX Series

Luggage & Cargo X-ray Inspection System

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.

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
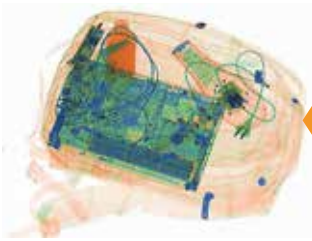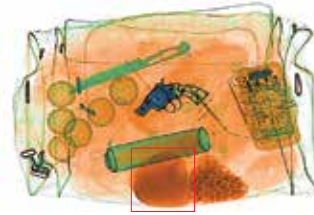
SCAN-X

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Luggage & Cargo X-ray Inspection System

Advanced material classification: Orange for organic, blue for metal and green for mixed material

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 ×1565mm	3600mm×1300mm ×1790mm	3600mm×1695mm ×1870mm	1700mm×2500mm ×1400mm
Weight	700Kg	1200Kg	1450Kg	800Kg
Power Consumption	0.8kVA	1.0kVA	1.4kVA	1.0kVA

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