Scan-X CX Series
Pallet Cargo X-ray Inspection System

www.scanxsecurity.com

Summary

Scan-X Limited offers a series of X-ray inspection systems with large tunnel opening for pallet cargo screening. Based on the best proven CX products platform, the Pallet 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 dual-energy material classification technology, the Pallet 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.
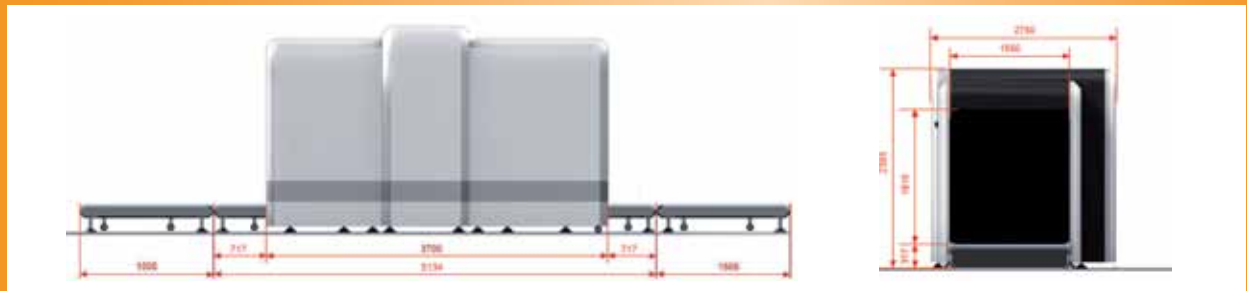
Technical Features

● High image quality with steel penetration up to 48mm, building an optimal costperformance solution for pallet cargo screening

● 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

● Roller and belt type conveyors optional for high load capacity

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SCAN-X

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Technical Data

General Specifications

Technical Principle	Dual-energy X-ray Imaging
Image Display	High resolution of 1280×1024
Image Enhancement	Color/BW, negative, high/low penetration, organic /inorganic stripping, general enhancement, and pseudo color, etc.
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

	CX150180SI
Tunnel Dimensions (W×H)	1550mm×1810mm
Load Capacity	2000Kg
Conveyor Type	Roller/Belt
Conveyor Height	317mm
Conveyor Speed	0.20m/s
Wire Resolution	36AWG
Steel Penetration	48mm
Dimensions (L×W×H)	5135mm×2750mm ×2395mm
Weight	3300Kg
Power Consumption	2.3kVA

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