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

Summary
Scan-X Security 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 demands at airports, rail transportation stations, ports, critical infrastructures, and big events, etc.

Technical Features
- High image quality with steel penetration up to 70mm, building an optimal cost performance 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 identity and storage capability implemented by various network applications
- Roller type conveyors for high load capacity

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# Technical Data

## General Specifications

### Technical Principle
Dual-energy X-ray Imaging

### Image Enhancement
Color/BW, negative, high/low penetration, organic/inorganic stripping, general enhancement and multi-absorptivity, 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 JPEG, 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 identity, recheck workstation, and network TIP, etc.

### Radiation Safety
Less than 1μGy/h (5cm from the housing), complying with all published international radiation safety and health standards

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

## Products

<table>
<thead>
<tr>
<th>Products</th>
<th>CX150180SI</th>
<th>CX150150D</th>
<th>CX180180S</th>
<th>CX180180D</th>
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</thead>
<tbody>
<tr>
<td>Tunnel Dimensions (W×H)</td>
<td>1550mm×1810mm</td>
<td>1550mm×1510mm</td>
<td>1850mm×1820mm</td>
<td>1850mm×1820mm</td>
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<tr>
<td>Load Capacity</td>
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<tr>
<td>Conveyor Type</td>
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<td>Conveyor Height</td>
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<tr>
<td>Conveyor Speed</td>
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<td>Wire Resolution</td>
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<td>Steel Penetration</td>
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<tr>
<td>Dimensions (L×W×H)</td>
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<td>Weight</td>
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<td>8500Kg</td>
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Note: Image performance specifications are based on test piece complying with GB 15208.2-2006