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

## 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

<table>
<thead>
<tr>
<th>Products</th>
<th>CX8065TI</th>
<th>CX100100TI</th>
<th>CX100100D</th>
<th>CX16580S</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tunnel Dimensions (W×H)</td>
<td>810mm×655mm</td>
<td>1010mm×1005mm</td>
<td>1010mm×1005mm</td>
<td>825mm×810mm</td>
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<td>Load Capacity</td>
<td>200Kg</td>
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<td>Conveyor Height</td>
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<tr>
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<td>38AWG</td>
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<td>Steel Penetration</td>
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<td>Dimensions (L×W×H)</td>
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<td>3600mm×1695mm</td>
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<td>1200Kg</td>
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<td>Power Consumption</td>
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<td>1.4kVA</td>
<td>1.0kVA</td>
</tr>
</tbody>
</table>

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

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