Scan-X CX Series
Mail & Carry-on Baggage
X-ray Inspection System

Summary
Scan-X Security Limited offers a series of X-ray inspection systems for mail and carry-on baggage screening, required by all security and customs applications. The mail and carry-on baggage X-ray inspection system comes from the best proven CX products platform, which features new optimized X-ray generator, high resolution detectors, ergonomic user interface, advanced imaging enhancing algorithms, powerful functions and network applications with high reliability, safety and economy.

With various tunnel size and portability, the CX mail and carry-on baggage X-ray inspection system can fully meet the requirements at airports, mass transit stations, critical infrastructures, post offices, and big events, etc.

Technical Features

- Unsuppressed high image quality with wire resolution up to 40AWG
- Advanced dual-energy material classification technology can accurately detect threats and contraband
- 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
- Compact and portable design enables minimal footprint and rapid relocation
Scan-X CX Series
Mail & Carry-on Baggage 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 identity, 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>CX5635B</th>
<th>CX6040BI</th>
<th>CX6550BI</th>
<th>CX7555B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tunnel Dimensions (W×H)</td>
<td>566mm×370mm</td>
<td>606mm×420mm</td>
<td>655mm×503mm</td>
<td>755mm×555mm</td>
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<tr>
<td>Load Capacity</td>
<td>160Kg</td>
<td>160Kg</td>
<td>160Kg</td>
<td>160Kg</td>
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<tr>
<td>Conveyor Height</td>
<td>680mm</td>
<td>680mm</td>
<td>680mm</td>
<td>750mm</td>
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<tr>
<td>Wire Resolution</td>
<td>38AWG</td>
<td>38AWG</td>
<td>40AWG</td>
<td>38AWG</td>
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<td>Steel Penetration</td>
<td>38mm</td>
<td>34mm</td>
<td>40mm</td>
<td>34mm</td>
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<tr>
<td>Dimensions (L×W×H)</td>
<td>2042mm×810mm×1251mm</td>
<td>2042mm×850mm×1300mm</td>
<td>2042mm×920mm×1400mm</td>
<td>2340mm×1000mm×1500mm</td>
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<tr>
<td>Weight</td>
<td>450Kg</td>
<td>500Kg</td>
<td>600Kg</td>
<td>580Kg</td>
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<td>Power Consumption</td>
<td>0.6kVA</td>
<td>0.6kVA</td>
<td>0.8kVA</td>
<td>0.8kVA</td>
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</tbody>
</table>

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

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