## ISD-SC6550S-4CVL
## X-ray Intelligent Security Inspection System

The ISD-SC6550S-4CVL X-ray intelligent security inspection system integrates the functions of intelligent recognition, face recognition, behavior analysis and variable speed, etc., which can better solve the problems such as missing inspection caused by low concentration of security inspectors and excessive security pressure during rush hours. The products are applicable to government agencies, scenic spots, courts, procuratorates, prisons, embassies, factories, schools, hospitals, gymnasiums, exhibition halls, entertainment venues and other scenes, and can be used for security check of briefcases, postal parcels, express parcels, carry-on luggage and small parcels.

- Advanced material properties identification technology can effectively identify the equivalent of atomic number of item (such as metal and organics) and give a different color

- Intelligent recognition technology is a deep learning recognition algorithm with full independent intellectual property rights, which realizes the integration of intelligent recognition algorithm and X-ray imaging software, and achieves better recognition effect

- Radiation leakage reaches environmental level

- speed can be changed according to the scene

- Double lead curtain design effectively reduce the radiation lead shade place

- Supports access to Hik-central, and implement the data upload

- Data storage supports local storage, view and playback of the images and alarm information

- Event tracing can organically combine X-ray image with passenger video information to realize human package tracing

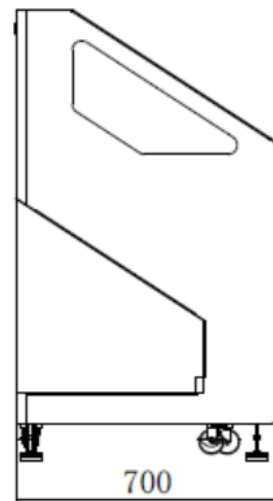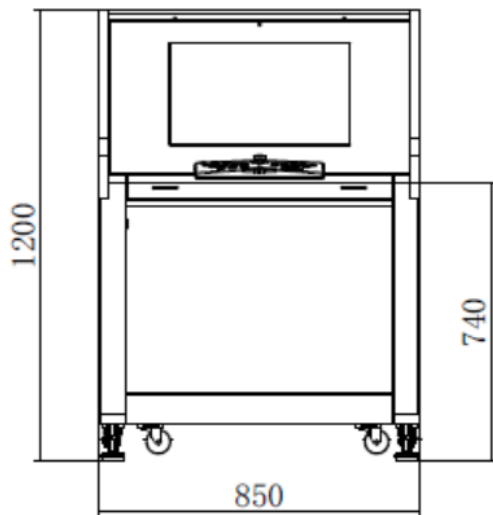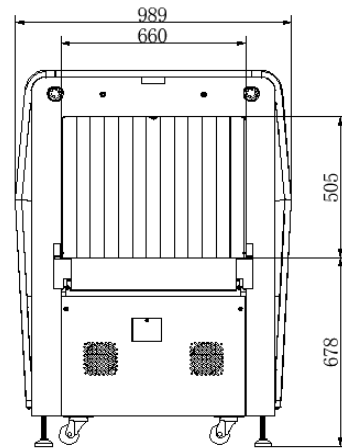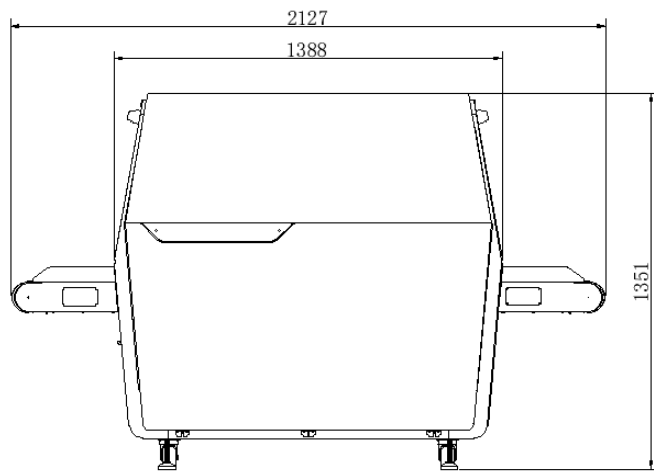- Supports login with face and fingerprint authentication

## ▪ Specification

| Model | | ISD-SC6550S-4CVL |
|---|---|---|
| **Size** | Tunnel Size | 650 mm(W) × 500 mm(H) |
| | Dimension | 2127 mm × 989 mm × 1351mm (L x W x H) |
| | Operation Desk Size | 850mmx 700mm x 1200mm (L x W x H) |
| **Performance** | Line Resolution | φ0.0787mm 40AWG |
| | Penetration Steel panel | 30mm standard, 34mm typical |
| | Spatial Resolution | 1.0mm(Horizontal and vertical) |
| | X-Ray Generator | 160kV 1.2mA(Adjustable) |
| | X-Ray Cooling/Work Period | Oil Cooling/Continuous |
| | Film Security | Standard of ASA/ISO1600 |
| **Radiation** | Leakage | ＜1μGy/h, 50mm away from the device sheet |
| **Conveyor** | Conveyor Height | 678mm |
| | Speed | 0.2m/s, 0.3m/s, 0.4m/s adjustable |
| **Monitoring System** | Sensor Type | 1/2.7" Progressive Scan CMOS |
| | Camera | 4 ch |
| | Video Compression Standard | H.265 /H.264 / MJPEG |
| | Max. Image Size | 1920× 1080 |
| | Frame Rate | 50Hz: 25fps (1920× 1080，1536× 864，1280 × 720) |
| | Storage Time | ≥30 days |
| **Intelligent Function** | Prohibited Goods | 15 major types |
| | Login Method | Face/ Fingerprint/ Password |
| **Operation Panel** | Screen Size | 21.5", Single Screen,1920×1080 |
| | Camera Image Size | 1 ch, 1920 x 1080 |
| **General** | Consumption | ＜0.8 KVA |
| | Power | 220VAC(±10%)    50±3Hz |
| | Operating Humidity | 10% to 90%(No Condensation) |
| | Operating Temperature | 0℃ to 45℃ |
| | Weight | 600 kg |

## ▪ Available Model

| ISD-SC6550S-4CVL | Main machine | X-Ray Intelligent Security Check Machine, monitor, mouse included. |
|---|---|---|
| | Exit table/ carrier | 0.6 m entrance Flat table included. 1.2 m exit Flat table included |

**▪ Dimension**

Distributed by

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