ISD-SC6550S-VL
X-ray Intelligent Security Inspection System

ISD-SC6550S-VL X-ray intelligent security inspection system integrates intelligent identification, person-bag association, variable speed detection and intelligent energy saving functions, which can better solve the problems caused by the low concentration of security inspectors and excessive security pressure during the peak period. The product is suitable for government agencies, transportation hubs, logistics industry, courts, procuratorates, prisons, embassies, factories, schools, hospitals, stadiums, exhibition halls, entertainment venues and other scenes, can be used for the safety inspection of briefcases, postal bags, express mail, portable 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

- 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

- Provides the fingerprint login function to avoid complicated password input

▪ Specification

Model		ISD-SC6550S-VL
Size	Tunnel Size	650 mm(W) × 500 mm(H)
	Dimension	1831mm×890mm×1260mm (L x W x H)
	Operation Desk Size	650mm×700mm×1200mm (L x W x H)
Performance	Line Resolution	36AWG standard, 38AWG typical
	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
System Function	Additional Feature	64 times continuous zoom in, Displays the date/time，Luggage counter，user-id, High density alarm, TIP, Explosive/Drug auxiliary detect, Intelligent auxiliary identification, Variable speed, Operation training system, System running timer, X-ray emitting timer
Radiation	Leakage	＜1μGy/h, 100mm away from the device sheet
Conveyor	Conveyor Height	600mm
	Speed	0.2m/s, 0.3m/s adjustable
Monitoring System	Sensor Type	1/2.8" Progressive Scan CMOS
	Camera	2 ch （One for the import and export）
	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	20 major types
	Login Method	Fingerprint/ Password
Operation Panel	Screen Size	21.5", Single Screen,1920×1080
General	Consumption	＜0.8 KVA
	Power	220VAC(±10%)　50±3Hz
	Operating Humidity	10% to 90%(No Condensation)
	Operating Temperature	0℃ to 45℃
	Weight	Net：550 kg(With rack and operating table gross weight 800kg)

＊ Stated performance as measured by HIKVISION Imaging Standard Test Piece

▪ Available Model

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

▪ **Dimension**