Hikvision ISD-CA150180D is a new generation dual-view dual energy X-ray inspection system specially designed for cargo inspection scenarios. It is suitable for oversized luggage and air cargo inspections. With dual-view and dual energy configuration, the system can detect materials more accurately and detect concealed threat objects more easily. The System is integrated with AI detection algorithm so that the system can automatically alarm on those threat objects. The low installation height of the conveyor belt also make it easier to be connected with supplementary feed- and/or discharge conveyor systems. This system is also perfect for Customs, logistic companies, ports, etc.

- **Based on dual-view advanced X-ray technology which also integrate with HD image algorithm, to achieve a top level resolution image quality to meet high level security and operational effectiveness requirements.**

- **X-ray Radiation leakage level is close to natural environment background levels. Fully complied to all international health and safety standards. Safe to be operated in public scenarios.**

- **Powerful storage capacity to maintain at least 500,000 baggage data, data can be exported in different common formats including bmp, jpeg and png through USB storage devices.**

- **Compact design so that can be deployed in limited space.**

- **Modular design and construction combined with a fully built-in diagnostic facility guarantee the efficiency of equipment maintenance.**

▪ TECHNICAL DATA

Dimensions	
Tunnel Size	1550 mm (H) × 1805 mm (W)
System Dimensions	4800 mm (L) x 2800 mm (W) x 3100 mm (H)
General Specifications	
Roller Height	330mm（Adjustable）
Roller Speed	0.2m/s
Max. Conveyor Capacity	5000 kg (Even Distributed)
X-ray Generator	
Anode Voltage & Cooling	200 kV, adjustable, Oil Cooling
Tube Current	1.5 mA maximum (Adjustable)
Installation Data	
Power Supply	220 VAC (±10%)　50±3Hz
Power Consumption	3 KVA (max)
Operating Temperature/Humidity	-5℃ ~ 45℃ / 5% ~ 95% (non-condensing)
Storage Temperature/Humidity	-20℃ ~ 60℃ / 5% ~ 95% (non-condensing)
Weight	6000 kg
Performance*	
Penetration	Bottom view: 45/50 mm Side View: 45/50 mm
Wire Resolution	Bottom view: 34/36 AWG Side view: 34/36 AWG
Health and Safety	
Radiation Leakage	＜1μGy/h，5 cm distance to the housing
Film Safety	Guaranteed up to ISD 1600 (33DIN)
Additional Features	
Image Enhancement	Color/BW, negative, high/low penetration, organic/inorganic stripping, general enhancement, etc.
TIP Function	Threat Image Projection System with Civil Aviation TIP Library (Optional)
Operation Desk	23.8"，dual-monitor，1920×1080@120HZ

*Test Piece: Hikvision Standard Test Piece