



- Easy to Use and Learn
- Radiation Safety Protection
- Simple and User-Friendly Operation Interface
- Safe for Film, Chips and Electronic Products.

▶ Product Introduction

The FSCAN 6550D Dual Energy Dual Vision X-ray inspection equipment is a new security scanning device that utilizes the penetrating power of X-rays to provide rapid, boxless inspection of luggage and belongings. This model is a best-selling product with leading performance parameters, capable of penetrating 40 mm steel plates. It features one-button shutdown, automatic detection, energy saving, and environmental protection. It is widely used in public areas such as government agencies, transportation hubs, the logistics sector, courts, prisons, embassies, factories, schools, hospitals, stadiums, and exhibition halls. It is particularly effective in detecting concealed counterbands and flammable/explosive materials (knives, weapons, explosives, fireworks, alcohol/ethanol, etc.) in small items, packages, mail, suitcases, handbags, and backpacks.

▶ Features

- Modularity: The internal circuit structure adopts a modular design approach. Rational layout design enhances the device's interference suppression capacity, ensures stable operation, and simplifies maintenance.
- Digitalization: The hardware system utilizes the latest ASIC fully digital solution design and deep acquisition technology. Compared to analog solutions, it offers high integration, strong interference resistance, and clear imaging effects.
- Comprehensive Functionality: Additional functional modules can be customized according to customer requirements via optional dedicated ports.

Examples;

- AI-powered image recognition (hazardous materials warnings)
- Camera integration solutions (person-baggage linking)
- Package barcode association
- UPS power supply

▶ Functions

Image Processing Functions:

Color/Black and White, Edge Enhancement, High Penetration, Low Penetration, Super Enhancement, Organic Matter Removal, Inorganic Matter Removal (Metallic Appearance Only), Image Inversion, Brightness Enhancement, Darkening, Grayscale Scanning, Zoom, False Color, Image Restoration, Image Saving

System Functions:

Initial Self-Test, Multi-Level User Management, Image Management, TIP (Threat Image Projection) Management, Curve Diagnosis, Keyboard Diagnosis, Device Information Query, Multi-Format Image Export, OSD (On-Screen Display) Operation, Image Mirroring, 1-64x Seamless Zoom, Magnifier, Operator Training, Precise Image Capture, Tunnel Clearance Reminder, Remote Control Software, One-Button Shutdown

6550D

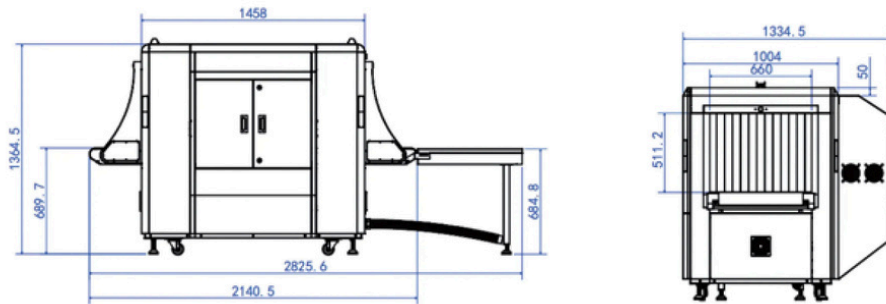
FSCAN 6550D Dual Generator X-Ray Baggage Scanner



Parameters

Category	Parameters	RJX6550D
External Dimensions	Tunnel Size	660mm × 510mm (W×H)
	Device Size	2140mm × 1335mm × 1365mm (L×W×H)
Performance Parameters	Wire Resolution	AWG40 (+0.0787mm)
	Spatial Resolution	Horizontal: 1.0mm; Vertical: 1.0mm
	Penetration Capability	38mm steel plate
	X-ray Source	80-160 kV / 0.5-1.25 mA
Radiation Dose	Leakage Dose	<0.5 μSv (50mm from device body)
	Single Scan Dose	<5 uGy/h
Conveyor Parameters	Conveyor Height	690mm (height from ground)
	Conveyor Speed	22 m/s
Imaging Parameters	Display Size	5 inches
	Resolution	1920 x 1080P
General Parameters	Power Consumption	1000W
	Power Supply	AC220V 50Hz
	Noise Level	<55 dB (at 1m distance)
	Operating Temperature/Humidity	5°C to 40°C / 10% to 90% non-condensing
	Storage Temperature/Humidity	-20°C to 40°C / 0% to 90% non-condensing
	Device Weight	480 kg

Dimensions



X-Ray Results

