

- 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 10080 X-ray Security Inspection Equipment is a new security scanning device that utilizes the penetrating power of X-rays to provide rapid and damage-free inspection of luggage and belongings without the need for physical opening. It is suitable for security checks of briefcases, postal packages, cargo packages, hand luggage, and small packages in government agencies, transportation hubs, the logistics sector, courts, prosecutor's offices, prisons, embassies, factories, schools, hospitals, stadiums, exhibition halls, and entertainment venues.

▶ 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

10080

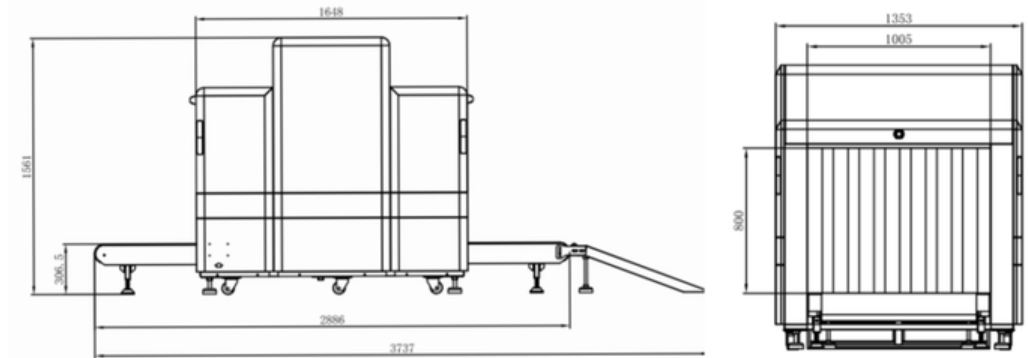
FSCAN 10080 X-Ray Baggage Scanner



Parameters

Category	Parameter	10080A	10080C
External Dimensions	Tunnel Size	1000mm × 800mm (W×H)	1000mm × 800mm (W×H)
	Device Size	2890mm × 1360mm × 1560mm (L×W×H)	2890mm × 1360mm × 1560mm (L×W×H)
Performance Parameters	Wire Resolution	AWG38 (Φ0.102mm)	AWG38 (+0.102mm)
	Spatial Resolution	Horizontal: 1.0mm; Vertical: 1.0mm	Horizontal: 1.0mm; Vertical: 1.0mm
	Penetration Capability	12mm steel plate	42mm steel plate
	X-ray Source	80-100 kV / 0.5 mA	140-160 kV / 0.5-1.25 mA
Radiation Dose	Leakage Dose	<0.5 μSv (50mm from device body)	<0.5 μSv (50mm from device body)
	Single Scan Dose	<5 μGy/h	<5 μGy/h
Conveyor Parameters	Conveyor Height	310mm (height from ground)	310mm (height from ground)
	Conveyor Speed	2 m/s	2 m/s
Imaging Parameters	Screen Size	5 inches	5 inches
	Resolution	1920 x 1080P	1920 x 1080P
General Parameters	Power Consumption	500W	500W
	Power Supply	AC220V 50Hz	AC220V 50Hz
	Noise Level	<55 dB (at 1m distance)	<55 dB (at 1m distance)
	Operating Temperature/Humidity	5°C to 40°C / 10% to 90% non-condensing	5°C to 40°C / 10% to 90% non-condensing
	Storage Temperature/Humidity	-20°C to 40°C / 0% to 90% non-condensing	-20°C to 40°C / 0% to 90% non-condensing
	Device Weight	630 kg	650 kg

Dimensions



X-Ray Results

