



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

▶ Product Introduction

The 6040A X-ray Security Check Device is an innovative security device that utilizes the penetrating properties of X-rays. This device enables rapid and unpackaged inspections of baggage and cargo.

Suitable for security checks of briefcases, postal packages, express deliveries, hand luggage, and small packages in government institutions, 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 increases 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.

For example;

- 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:

Features include: 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-Touch Shutdown.

Parameters

Product Model		6040	6040C
External Dimensions	Tunnel Size	600mm * 400mm (width * height)	600mm * 400mm (width * height)
	Device Size	1876mm * 934mm * 1300mm (length * width * height)	1876mm * 934mm * 1300mm (length * width * height)
Performance Parameters	Wire Resolution	AWG38 (+0.102mm)	AWG38 (+0.102mm)
	Spatial Resolution	Horizontal 1.0 mm; Vertical 1.0 mm	Horizontal 1.0 mm; Vertical 1.0 mm
	Penetration	12mm steel plate	40mm steel plate
	X-Ray Source	80KV-100KV 0.5mA	140KV-160KV 0.5mA-1.25mA
Radiation Dose	Leakage Dose	<0.5uSv (at 50mm from device body)	<0.5uSv (at 50mm from device body)
	Individual Dose	<5uGy/h	<5uGy/h
Conveyor Belt Parameters	Belt Height	660mm (height from ground)	660mm (height from ground)
	Belt Speed	22 m/s	22 m/s
Display Parameters	Display Size	5"	5"
	Resolution Ratio	1920 * 1080P	1920 * 1080P
General Parameters	Power Consumption	500W	500W
	Power Supply	AC220V 50Hz	AC220V 50Hz
	Noise	<55dB (at 1 meter from device)	<55dB (at 1 meter from device)
	Operating Temperature and Humidity	5°C ~ 40°C, 10% ~ 90% non-condensing	5°C ~ 40°C, 10% ~ 90% non-condensing
	Storage Temperature and Humidity	-20°C to 40°C, 0% to 90% non-condensing	-20°C to 40°C, 0% to 90% non-condensing
	Equipment Weight	280 Kg	300 Kg

Dimensions

