

ZKX6040

High-energy Hassle-free X-ray System



ZKX6040 is an advanced dual-energy X-ray baggage inspection assistant whose capabilities include penetration of up to 35mm of steel with an optimized algorithm. Its tunnel opening is as large as 600 mm by 400 mm.

ZKX6040 can detect organic matter, inorganic substances and mixture accurately in all kinds of packages according to the effective atomic number of the examining objects.

Benefit from the compact design with a foldable keyboard, ZKX6040 has high mobility and could be placed in hotels, government offices, transportation hubs and other occasions.

Features

- Steel Penetration up to 35mm
- Foldable Keyboard
- Verification with Fingerprint
- Display of Cluttered Bag Images together with the Status of the Walk-through Metal Detector
- Input/Output Roller Conveyor

Options

- Operator Desk
- Uninterruptible Power Supply (UPS)
- Video Surveillance

Eye Tracker (eye tracking technology reflecting the position of the user's eyes and the gaze point on a screen as they are operating X-ray inspection. There will be a prompt when the operator's eyes are off the screen.)

Software Features

- Perfect View (PV)
- Black / White (B/W)
- Pseudo Colors (PS)
- Inverse View (IN)
- High Penetration (HP)
- Real-time Image Processing and Image Zoom (64x)
- Image of Previous Baggage
- Programmable Function Keys
- Baggage Counter
- Date / Time Indicator
- Threat Image Projection (TIP)

Specifications

Technical Characteristics		Operating Environment	
Tunnel Dimensions (W*H)	600*400 (mm)	Operating Temperature	-10°C to +45°C
Conveyor Speed	0.3m/sec	Storage Temperature	-20°C to +60°C
Load on Conveyor	180kg (evenly distributed)	Humidity	5-95%, non-condensing
Conveyor Height	680 mm	Power Supply	230 VAC +/- 10% / 60/50 Hz (EU) 110 VAC +/- 10% / 60/50 Hz (US)
Space Definition	HorizontalΦ1.0mm VerticalΦ2.0mm	Power Consumption	Max. 1.0 kVA
Steel Penetration	35mm	Sound Pressure	54dB
Wire Resolution	38AWG	Computer Specifications	
Dual-energy Detector	Yes	Processor	Intel® Braswell SoC N3160 (QC-2.24GHz)
Number of Colors in X-ray Image	3	Monitor	21" LED color
Dimensions (L*W*H)	1701*910*1305 (mm)	Memory	Onboard 4 GB RAM
Package Dimensions (L*W*H)	2070*1150*1400 (mm)	Hard Drive	2TB
Weight	380 kg	USB Port	4 ports
Package Weight	480 kg	Max. Storage	Up to 200,000 scanned images
Film Safety	ASA/ISO1600 standard of film safety	X-ray Generator	
Single Inspection Dosage Rate	≤1.0μGy	Tube Current	0.8 mA
Supported Software	ZKBio SIS	Anode Voltage	150 kV rated
Communication Interface	RJ45(TCP/IP)	Generator Cool	Seal oil cooling / 100%
Radiation Leak Dosage	0.1μ Gy/h (5cm from the surface)	Orientation	Vertically upwards

Dimensions (mm)

