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 600 mm by 400 mm.

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

Benefiting from a compact design with a foldable keyboard, ZKX6040 has high mobility and can be placed in hotels, government offices, transportation hubs and other environments.

Features

Steel Penetration up to 35mm

Foldable Keyboard

Verification with Fingerprint

Display of Cluttered Bag Images together with the Status of the Walk-though 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
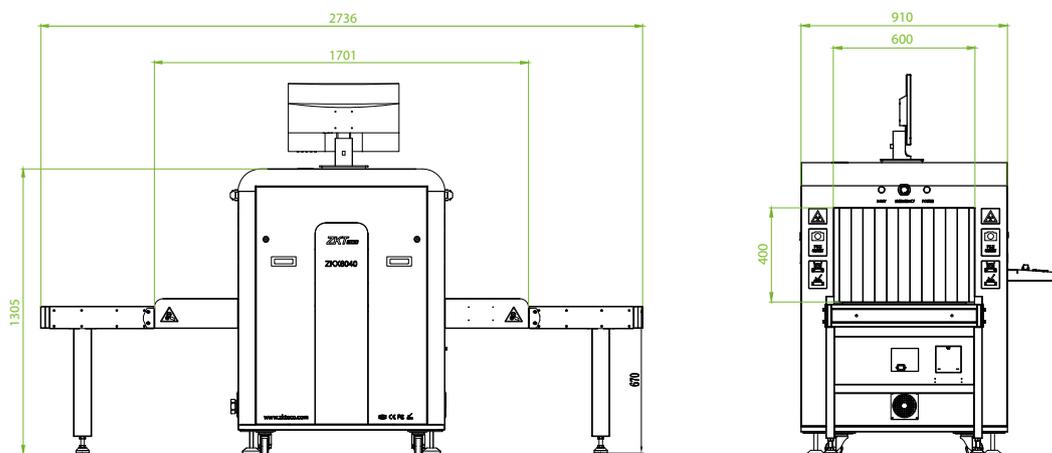
Threat Image Projection (TIP)

Specifications

Technical Characteristics

Tunnel Dimensions (W*H)	600mm*400mm
Conveyor Speed	0.20m/sec
Load on Conveyer	180kg (evenly distributed)
Conveyor Height	680 mm
Space Definition	HorizontalΦ1.0mm VerticalΦ2.0mm
Steel Penetration	35mm
Wire Resolution	38AWG
Dual-energy Detector	Yes
Number of Colors in X-ray Image	3
Dimensions (L*W*H)	1701mm*910mm*1305mm
Package Dimensions (L*W*H)	1990mm*990mm*1485mm
Weight	380 kg
Package Weight	480 kg
Film Safety	ASA/ISO1600 standard of film safety
Single Inspection Dosage Rate	≤1.0μGy

Operating Environment

Operating Temperature	-10℃ to +45℃
Storage Temperature	-20℃ to +60℃
Humidity	5-95%, non-condensing
Power Supply	230 VAC +/- 10% / 60/50 Hz (EU) 110 VAC +/- 10% / 60/50 Hz (US)
Power Consumption	Max. 1.0 kVA
Sound Pressure	54dB

Computer Specifications

Operating System	Windows 7
Processor	Intel® Braswell SoC N3160 (QC-2.24GHz)
Monitor	21" LED color
Memory	Onboard 4 GB RAM
Hard Drive	1TB
USB Port	4 ports
Max. Storage	Up to 200,000 scanned images

X-ray Generator

Tube Current	0.8 mA
Anode Voltage	160 kV rated
Generator Cool	Seal oil cooling / 100%
Orientation	Vertically upwards

Dimensions (mm)

![ZKTeco USA logo]