

BLADE6040

Screener Assist

X-ray Baggage Inspection Systems



BLADE6040 is a X-ray baggage inspection which has a tunnel size of 610 mm by 420 mm and can provide the effective inspection of mail, hand-held baggage, luggage and other items. It allows identification of weapons, liquids, explosives, drugs, knives, fire guns, bombs, toxic substances, flammable substances, ammunition, and dangerous objects, which are safety hazard by identification of substances with effective atomic number.

High image quality in combination with automatic identification of suspicious objects allows the operator to quickly and effectively evaluate any luggage content.

Features

- Real-time Detection to Aid Operators in Identifying Suspicious
- High Performance – Typical Penetration up to 40 mm of Steel
- Startup with Fingerprint
- Four Layers of Lead Curtain
- Uninterruptible Power Supply
- Equipped with Input & Output Rollers
- Adjustable Conveyor Speed
- Real Time Remote Monitoring System
- Luggage Image and Walk Through Metal Detector Status Display on the Same Screen
- Threat Image Projection (TIP)

Options

- Operator Desk
- Video Surveillance
- Gray Paint
- Guard Plate of Rollers (Two layers of lead curtain)
- Eyes on Function (Eye tracking technology to follow the users eye as they operating x-ray inspection. There will be a prompt when the operator's eyes leave the screen.)

Specifications (GGL Exclusive Feature)

Technical Characteristics:

Tunnel Dimensions(W*H): 610mm*420 mm

- Conveyor Speed: 0.20 m/sec ~ 0.40m/sec

Load on Conveyor:

Max 200 kg (Evenly Distributed)

Space Definition:

Horizontal Φ 1.0mm Vertical Φ 1.0mm

- Steel Penetration: 38mm Guaranteed; 40mm Typical

- Wire Resolution: 38AWG Guaranteed; 40AWG Typical

Dual-energy detector: Yes

Number of Colors in X-ray Image: 3

Dimensions(L*W*H):

1987.5*1023.9*1317mm

Package Dimensions(L*W*H):

2100mm*1200mm*1600 mm

Package Weight: 750kg

Film Safety: ASA/ISO1600 standard of film safety

Single Inspection Dosage Rate: $\leq 1.0\mu\text{Gy}$

Radiation Leak Dosage $0.1\mu\text{Gy/h}$ (5cm from the surface)

Operating Environment:

Operating Temperature: -10°C to $+45^{\circ}\text{C}$

Storage Temperature: -20°C to $+60^{\circ}\text{C}$

Humidity: 5-95%, non condensing

Power Supply: 230 VAC $\pm 10\%$ / 60/50 Hz (EU)

110 VAC $\pm 10\%$ / 60/50 Hz (US)

Power Consumption: 700W

Sound Pressure: $< 51.8\text{dB (A)}$

X-ray Generator:

- Tube Current: 0.5-1.0 mA (adjustable)

- Anode Voltage: 150-170 kV (adjustable)

Generator Cool: Seal oil cooling / 100%

Computer Specification:

Processor: I7-7700

Monitor: 21" LED color

Memory: 8 GB DDR4

Hard Drive: 240GB SSD+2TB HDD

Graphic Card: NVIDIA GeForce GTX 1660 Ti

USB Port: 4 ports

Software features:

Perfect View (PV)

Black / White (B/W)

Pseudo Colors (PS)

Inverse View (IN)

High Penetration (HP)

Real Time Image Processing

Image Zoom (128x)

Image of Previous Baggage

Programmable Function Keys

Baggage Counter

Date / Time Indicator

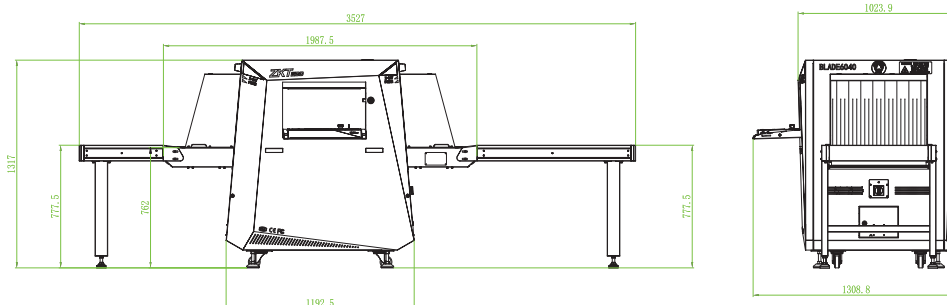
Threat Image Projection (TIP)

- Automated threat identification software

Platform software: ZKBio SIS

- Monitor the status of walk through metal detector

Dimensions (mm)



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V2.2 2023.12.11