BLADE100100 is an X-ray baggage inspection system with a tunnel size of 1010*1010(mm) which provides an effective inspection on big baggage and other items. It helps to identify suspicious items such as weapons, liquids, explosives, drugs, knives, fire guns, bombs, toxic substances, flammable substances, ammunition and other dangerous objects which may lead to potential safety hazard by atomic number identification.

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 item
- Typical steel penetration up to 35mm
- Startup with fingerprint
- Uninterruptible Power Supply (UPS)
- Equipped with foldable rack
- 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)
- Operator desk with two monitors

Specifications

Technical Characteristics:
- Tunnel Dimensions(W*H): 1010mm*1010mm
- Conveyor Speed: 0.20 m/sec ~ 0.40m/sec
- Load on Conveyor:
  - Max 200 kg (evenly distributed)
- Space Definition:
  - HorizontalΦ1.0mm VerticalΦ2.0mm
- Steel Penetration: 35mm (guaranteed); 38mm (typical)
- Wire Resolution: 38AWG (guaranteed); 40AWG (typical)
- Dual-energy Detector: Yes
- Number of Colors in X-ray Image: 3
- Dimensions(L*W*H):
  - 4282mm*1482mm*1917mm
- Dimensions of Operator Desk (L*W*H):
  - 797mm*789mm*1140mm
- Package Dimensions (L*W*H):
  - 2900mm*1500mm*2100mm
- Weight: 1260kg + 70kg (Operator Desk)
- Package Weight: 1530kg
- Film Safety: ASA/ISO1600 standard of film safety
- Single Inspection Dosage Rate: ≤1.0μGy

Operating Environment:
- Operating Temperature: -10°C to +45°C
- Storage Temperature: -20°C to +60°C
- Humidity: 5-95%, non condensing
- Power Supply: 230VAC +/- 10% / 60/50 Hz (EU)
  - 110VAC +/- 10% / 60/50 Hz (US)
- Power Consumption: Approx.1.0kVA
- Sound Pressure: <55.8dB (A)

X-ray Generator:
- Tube Current: 0.5-1.2 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+1TB 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(64x)
- Image of Previous Baggage
- Programmable Function Keys
- Baggage Counter
- Date / Time Indicator
- Threat Image Projection (TIP)
- Automatic Identification of Suspicious
- Cloud Remote Control
- Status Monitoring of Walk Through Metal Detector

Dimensions (mm)

Options

- Video Surveillance
- Gray Paint
- Eyes on Function (eye tracking technology to follow the users’ eyes as they are operating x-ray inspection. There will be a prompt when the operator’s eyes are off the screen.)