Merlin – High Throughput Metal Detection

WESTMINSTER GROUP PLC

Key Features

- High Throughput 2500 people/hour
- Operational Flexibility
- Low False Alert Rates
- Improved Screening Experience
- Cost Effective

Overview

Apstec Merlin sets a new standard in AI-driven, high-throughput, non-invasive screening of people and their belongings.

Designed for cost-effective security operations, Merlin accurately detects and discriminates between metallic threats—such as firearms and knives—and everyday items like phones and keys, without requiring divestment. This ensures faster throughput with minimal false alarms. Compact, adaptable, and easy to operate, Merlin integrates seamlessly into existing environments, delivering reliable, high-speed screening without compromising user comfort.

Ideal for transport hubs, event venues, and public facilities, Merlin brings advanced security technology within reach at a highly competitive price

Customer Applications

Specially designed for high-through-put, non-invasive screening of metallic threats at public accessible locations such as:

- Entertainment Venues
- Sports Stadia
- Exhibition & Conference Centres
- Tourist Attractions
- Hotels
- Critical Infrastructure
- Places of Worship

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Specifications

- Width 104 cm
- Height 224 cm
- Depth 58 cm
- Free passage 90 cm
- Weight 60kg

Installation

- Minimum space needed: 104cm W 258cm D and 224cm H
- Power: 120W /110–240 VAC / 50–60 Hz
- Work in temperatures: –10°C to +55°C
- Humidity conditions: 5–90% non–condensing

Highlights

Placement | Indoor & Outdoor

Throughput | 2500 people/hour

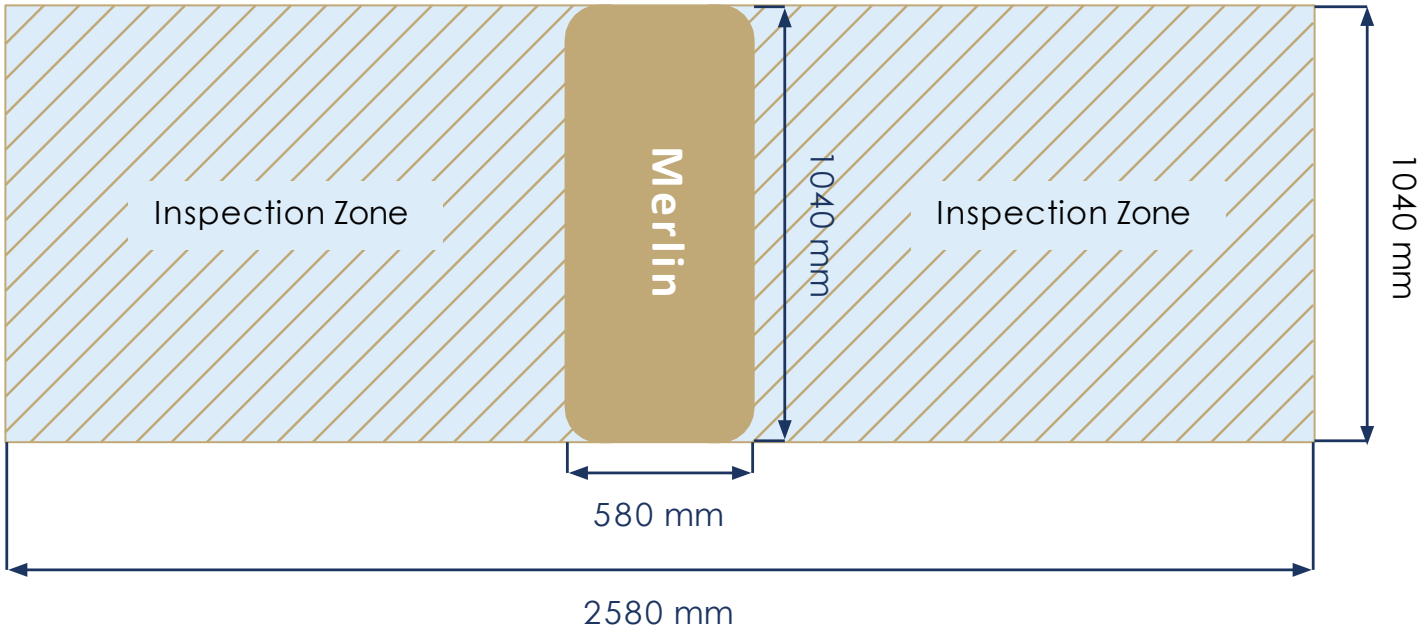
Detection | Powerful detection of small metallic threats such as handguns, polymer framed handguns & knives

Screening | People and their hand–carried or body worn bags

Setup | Mobile

Installation | Quick

Setup



Speak to us about how this can be paired with the HSS Falcon for a full comprehensive solution for non metallic and metallic threat detection.

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