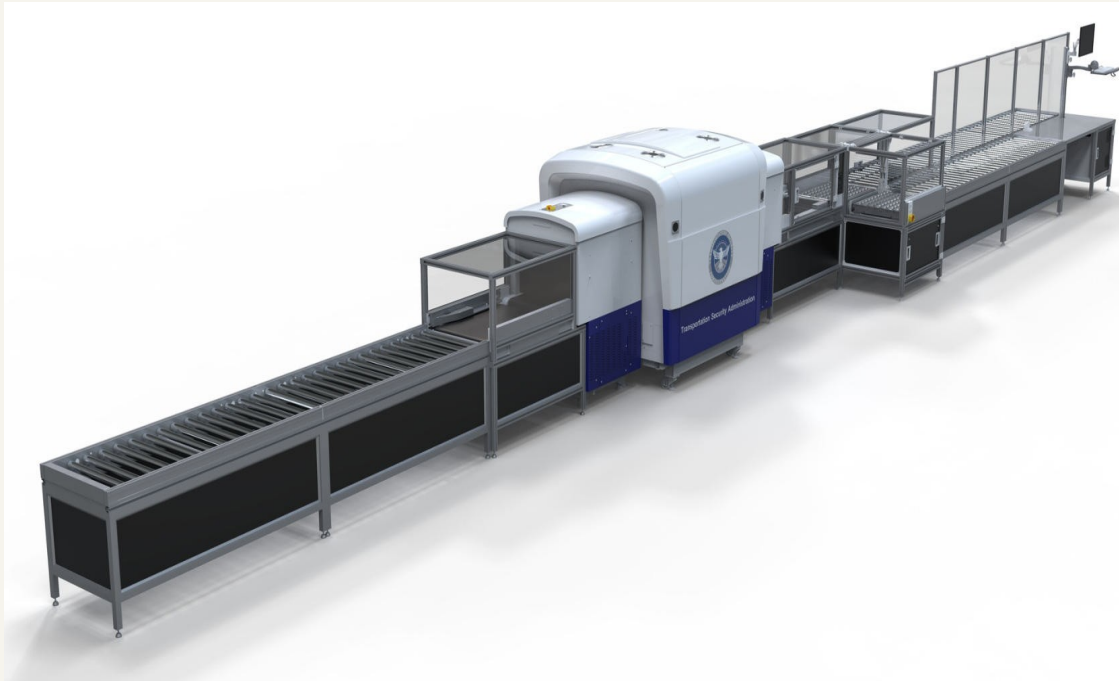


CT BAGGAGE SCANNER

DETECT™ 1000

in partnership with **SureScan**

AI-powered CT cabin baggage EDS – TSA Level 1 & ECAC EDSCB C3 certified, no divestment needed.



O V E R V I E W

About the DETECT™ 1000

The DETECT™ 1000 is an AI-based CT explosive detection scanner for cabin baggage. It uses advanced algorithms and patented CT scanning to identify explosives, prohibited items and narcotics. TSA Level 1 approved and ECAC EDSCB C3 certified, it enables no-divestment screening with seamless integration to any tray return system.

K E Y B E N E F I T S

- › TSA Level 1 and ECAC EDSCB C3 certified
- › AI-driven detection of explosives, narcotics and prohibited items
- › No-divestment screening keeps lines moving
- › Seamless integration with any tray return system
- › Remote screening and open-architecture cybersecurity

W H O I T ' S F O R

Airports, customs, aviation security agencies



FEATURES

Complete feature list

- Patented CT scanning with DICOS-2 imagery
- DHS "Opioid Detection Challenge" grand prize winner
- <5 s image processing time
- Operational throughput >400 bags/hour
- Mean time between failures: 3,000 h
- Remote diagnostics and fault detection
- 15-year operational life span



TECHNICAL SPECIFICATIONS

Full datasheet

SPECIFICATION	DETAIL
Tunnel	24 x 16 in (61 x 41 cm)
Max object	24 x 16 x 39 in (length artificially limited)
Dimensions (WxHxL)	60 x 69 x 146 in (1520 x 1755 x 3710 mm)
Weight	4,710 lb (2,136 kg)
Point load	78 lb/ft ² (379 kg/m ²)
Power	195–266 V AC, 25 A (30 A breaker), 50/60 Hz
Belt speed	0.15 m/s
Max conveyor load	352 lb (160 kg) distributed
Throughput	>400 bph
Operating noise	<67.5 dB @ 0.5 m
Operating environment	0–40 °C
MTBF / MTTR	3,000 h / 2.5 h
Certifications	TSA Level 1, ECAC EDSCB C2 & C3, DICOS-2, UL/CE



APPLICATIONS

Where it deploys

The DETECT™ 1000 is deployed across the Caribbean in the following environments:

- ▶ Airports
- ▶ Customs
- ▶ Cargo Screening

LIFECYCLE SUPPORT

Commissioning, 24/7 maintenance, OEM-certified technicians, approved spare parts, upgrades and life-extension programs – all handled by Allen + Co. across the Caribbean. Training is delivered in partnership with FESTI at Toronto Pearson for ARFF and NFPA-aligned certifications.



Allen Co

Caribbean Inc.

LET'S TALK

Ready to modernise your operation?

Artemis House · 67 Fort Street · George Town
Grand Cayman · KY1-1111

+1 (905) 703-6714 • info@allenandco.ca

allenandco.ca



Allen  Co
Caribbean Inc.

+1 (905) 703-6714 • info@allenandco.ca • allenandco.ca

Artemis House · 67 Fort Street
George Town · Grand Cayman
KY1-1111

Scan →
Full catalogue

