

## Rapid-deployment body scanner



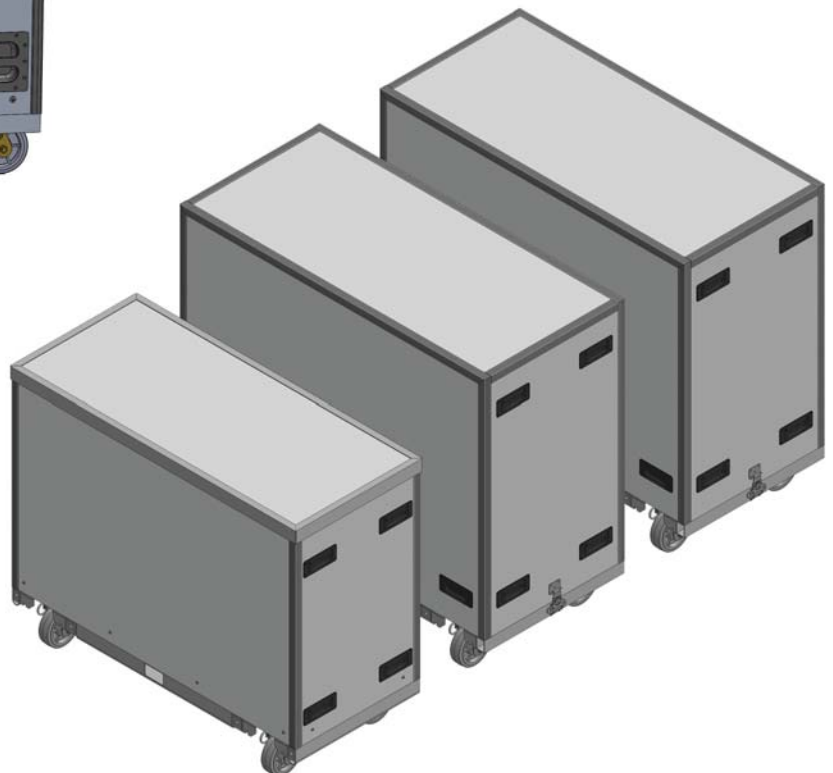
### Key Features

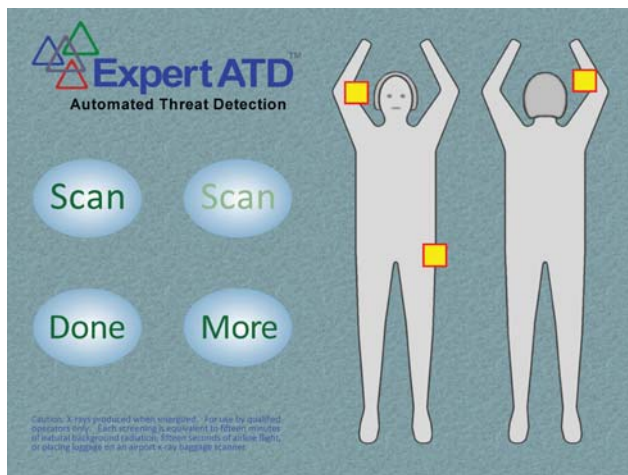
- **Superior detection capability**  
Detects both metallic and nonmetallic threats hidden under the clothing
- **15-minute set-up & teardown**  
Use at special events, military operations and dignitary protection
- **Breakthrough ATD**  
Automated threat detection provides privacy without sacrificing detection
- **Fast screening**  
Up to 200 persons/hour; ATD allows operation with a single operator

### Same thorough screening as our airport body scanner; now with a modular design for quick set-up

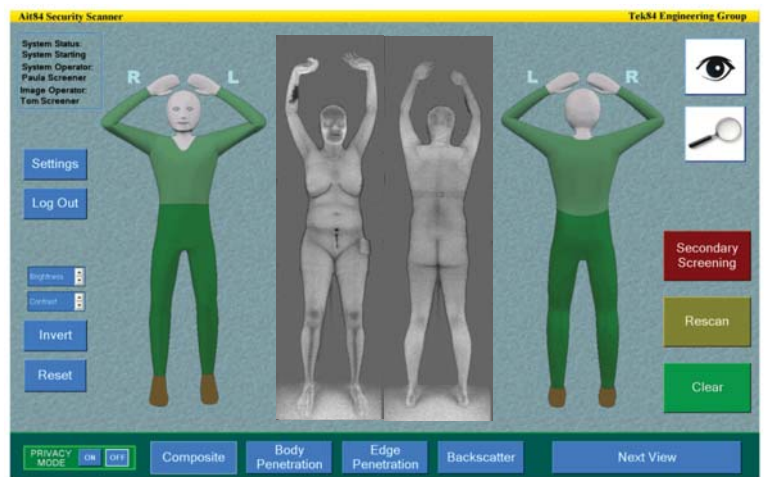
*Traveler*<sup>TM</sup> ships to event sites in three rugged containers. Installation requires only about 15-minutes by a single technician plus an on-site helper. Electrical power is provided by a standard electrical outlet, or by an optional battery pack lasting up to 12 hours.

Triple-mode screening provides the utmost in threat detection: *Backscatter* examines the front and rear of the body; *Forward-Scan* the sides and loose clothing; and *Ground-Level* for the ankles and feet. Quickly and reliably finds firearms, explosives, and improvised threats.





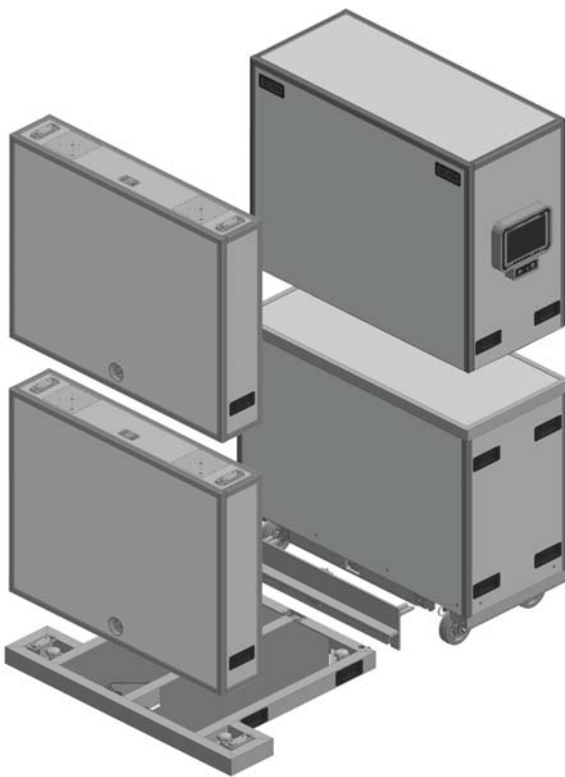
ATR displayed at scanner



Scanned images displayed remotely

## Easy to use software

ATD software shows the concealed objects as yellow boxes on a generic outline of the body, providing excellent detection with full privacy. In higher security applications the raw images are displayed at a remote location. The software is intuitive and easy to learn; only a few minutes instruction is needed.



## Quick assembly, no tools required

Traveler™ breaks into five major assemblies for transport, *without the need for tools*. Set-up is quick and simple—remove from the shipping crates, snap together, plug into a wall outlet and begin screening. Installers and operators do not need a technical background.

## Traveler™ Specifications

### Physical

#### Operation

Footprint: 50" x 62" (127 x 158 cm)

Height: 80" (203 cm)

Weight: 450 lbs (205 kg)

#### Transport

1 Crate: 50" x 23" x 45" high (127 x 58 x 114 cm)  
300 lbs (136 kg)

2 Crates: 54" x 25" x 48" high (137 x 63 x 122 cm)  
200 lbs (91 kg)

### Electrical

Power: 100/120/230 VAC, 50/60 Hz, 600 watt

Tolerant of poorly regulated power

EMI/RFI: Tested to FCC PART 15

Safety: Certified to UL61010-1

### Environmental

Operating: 32-120°F (0- 50°C)

Humidity: Less than 95%, noncondensing

### Radiation Safety

Dose: 5 uRem (0.05 uSv) per screening, effective dose to subject measured in accordance with ANSI/HPS N43-17-2009

Leakage: <0.1 mR (1 uGy) in any 1 hour at the footprint of the scanner.

Standards: Complies with the ANSI/HPS N43.17-2009 radiation safety standard; and the IEEE N42.47-2010 performance standard

### Screening

Scan rate: Up to 200 persons per hour. Dual pose operation: 5 second scan on front, subject turns, 5 second scan on rear, ATD requires less than 1 second to display

Detection: Broad range of metallic and non-metallic threats; contact Tek84 for testing results

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Tek84 develops and manufactures innovative security products. Our engineers developed the world's first body scanner (1991); the highest resolution surveillance camera (2001); and the first drive-through car bomb detection portal (2009).

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