

ProVision 2

Compact Advanced Personnel Screening



This compact, image-free personnel screening system fits in areas with 8-foot ceilings – detecting objects safely and effectively, while ensuring privacy.

The ProVision 2 with Automatic Target Detection offers the same great aviation checkpoint detection and throughput as the widely deployed ProVision ATD. The system quickly screens passengers using safe active millimeter wave (MMW) radio frequency technology to detect concealed objects made of a broad variety of materials – both metallic and non-metallic – including liquids, gels, rubber, wire, powder, plastics, ceramics, sheet and bulk explosives. The passenger experience is convenient, straightforward and efficient, requiring only a quick, stationary pose for 1.5-seconds that provides scan information on potential threats.

The ProVision 2 is approved by the European Civil Aviation Conference (ECAC) and is being evaluated by regulators globally. Please check with L-3 SDS or your local regulator for the latest approval status.

The ProVision 2 has been optimized for aviation applications, and may also be suitable for select non-aviation environments.

On the outside, the ProVision 2 conserves space with a significantly smaller footprint for easy installation in areas with 8 foot (2.4 meter) ceilings. Its modern and attractive exterior is compact to fit into tight aviation checkpoint areas.

On the inside, the ProVision 2 provides an image-free solution that eliminates privacy concerns. Advanced state-of-the-art software processes digital scan data and determines if the individual can be cleared through the checkpoint.

The ProVision 2 offers customers an upgradeable technology platform that can be enhanced through software updates as new threats and requirements emerge.

APPLICATIONS

- Aviation threat detection
- Select non-aviation environments

COMPLIANCE

- EU CEP Approved
- Check with L-3 or your local regulator for the latest approval status



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www.securitydetection.com

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Enhanced Security: Unmatched Detection

Terrorists constantly search for clever ways to conceal aviation threat substances. The ProVision 2's unmatched detection software is optimized for aviation requirements. The system eliminates the ambiguity of hand searches and detects a range of threats metal detectors simply cannot. Based on a 1.5-second scan, the system detects a broad range of targets including metallic and non-metallic items, and both low and high density materials, including explosive sheets, powders, sheet and bulk explosives, liquids, gels, ceramics and other solids, etc.



Health and Safety: Safe Radio Wave Technology

The ProVision 2's patented sensing mechanism is based on millimeter-wave technology using safe radio waves that pose no health and safety risks. These signals pass through all types of clothing, but do not penetrate the body. The reflected waves are captured by the system's sensors. The ProVision 2 does not use ionizing radiation, such as X-rays, and is tens of thousands of times less powerful than other commercial radio frequency devices like cell phones, wireless handsets and other standard household devices. The ProVision 2's millimeter wave technology has been extensively evaluated by regulators worldwide including the U.S. Food and Drug Administration, Health Canada and the Dutch Institute of Applied Science (TNO), and found to be completely safe.

Ultimate Privacy: Image-Free Technology

The ProVision 2 boasts similar privacy protocols as walk-through metal detectors since images are not generated. Numeric scan data is analyzed by software without human intervention to determine if any threats are present. Potential areas of concern are mapped onto a generic mannequin, which is identical for everyone, and presented to the operator. Security personnel can then assess the situation. If nothing is detected, a green screen with an "OK" appears and security personnel can clear the individual.



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Efficient Operations: Unsurpassed Throughput

When it comes to throughput, there's no match for the rugged, reliable ProVision 2. The system requires less than 1.5 seconds to scan an individual for a complete multidirectional view, and less than six seconds total time for the scan and decision. The ProVision 2 can support processing 200 – 300 people per hour, depending on the application and supporting security protocols.

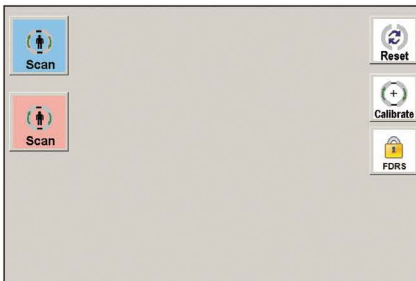
The ProVision 2 reduces the need for time-consuming physical hand searches that can limit throughput levels. In addition to being more invasive and stressful for the individuals being screened, these hand searches place a high degree of physical stress on security personnel. With The ProVision 2 there's no need for the repetitive bending and stretching required for physical inspections.

Highly Configurable: Operational Simplicity

The ProVision 2 is a single, stationary pose system that accommodates the throughput needs of high-traffic, high-volume checkpoints. The ProVision 2's transparent walls enable security personnel to keep individuals in view at all times. The system's reliable and robust design allows it to withstand rough handling. Fully networkable, the system can easily be configured to meet specific throughput and facility requirements.

Return on Investment: Upgradeable Platform

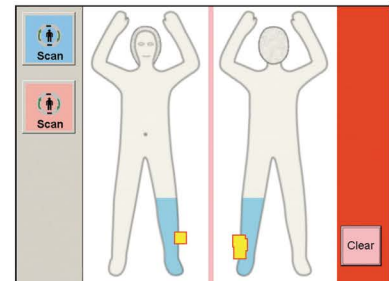
The ProVision 2 offers customers an upgradeable technology platform that can be enhanced through software updates as new threats and requirements emerge.



The operator control panel displays scanning and other system options



An "OK" message on a green background automatically clears most passengers



Concealed items are highlighted on a generic mannequin

Features

Standard Features

- Transparent walls
- Rigid construction
- Configurable operating modes
- Upgradeable detection software

Scanning Features

- Automatic detection, no images presented
- Front and back generic mannequin presented side-by-side
- Parallel screening for increased throughput
- Automatic system diagnostics capabilities



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Physical Specifications

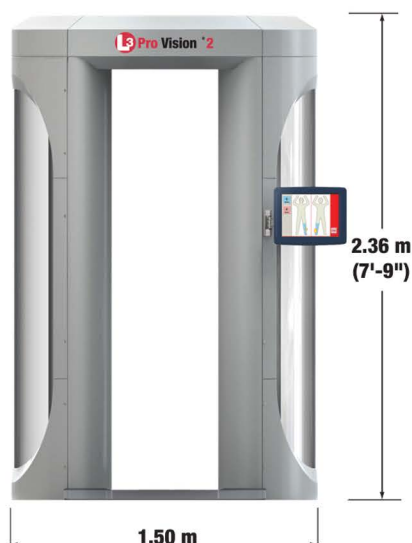
Inner walls:	Clear polycarbonate 3 mm
Outer walls:	Fiberglass and clear polycarbonate 4.5 mm
Height:	2.36 m (7' 9")
Width:	1.5 m (4' 11")
Depth:	2.27 m (7' 5")
Weight:	681 kg (1500 lbs)
Power:	100 VAC - 240 VAC / 1900 Watts Peak 50 hz - 60 hz
Temperature:	0° C to 35° C (32° F to 95° F)
Humidity:	10 – 90% non-condensing

Safety

- Non-ionizing radio waves
- Interior lighting

Analyst Workstation

Standard Windows®-based PC



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