ProVision® 2

Compact Advanced Passenger Screening

The ProVision 2 is the most widely deployed advanced personnel screener in the world. It quickly screens passengers using safe millimeter wave (MMW) technology to automatically detect concealed objects made of a broad variety of concealed materials – both metallic and non-metallic.

The ProVision 2's modern and attractive exterior is compact to fit into tight aviation checkpoint areas. On the inside, the ProVision 2 enhances security at any checkpoint by delivering robust Automatic Target Detection, high throughput, image-free privacy and safety.

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

AUTOMATIC DETECTION

Automatic Target Detection software processes digital scan data to determine if the individual can be cleared through the checkpoint. If a potential threat is identified by the software, an outline highlighting the area(s) of concern is displayed on the operator's control panel over a generic mannequin figure. Security personnel can then assess the situation.

› The ProVision 2 detects a broad range of aviation targets which include the following objects and materials (metallic and non-metallic): weapons, standard and home-made explosives (sheet and bulk), liquids, gels, plastics, powders, metals, ceramics, and other solids.

› Meets or exceeds TSA and EU ECAC requirements

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

SAFE TECHNOLOGY

Leveraging safe radio waves, the ProVision 2 offers advanced detection performance—without any health risks.

› The signals created by the ProVision 2 are thousands of times less powerful than other commercial radio frequency devices such as cell phones, wireless handsets and other standard household devices.

› The ProVision 2 does not use X-rays or ionizing radiation.

HIGH THROUGHPUT

The ProVision 2 is built for high throughput. A quick scan provides aviation checkpoint personnel with the data they need to confidently pass an individual through a checkpoint.

› Less than six second total processing time for the scan and decision

› Can support processing 200-300 people per hour depending on the application

› Replaces the need for time-consuming physical hand searches

› TSA approved and deployed

› ECAC EU CEP approved and deployed

› Automatic detection, no images presented or generated

› Parallel screening options for increased throughput

› Automatic system diagnostics capabilities
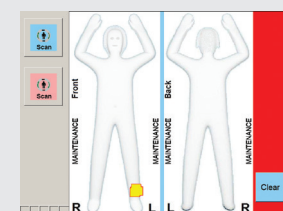
Concealed items are highlighted on a generic mannequin

IMAGE-FREE PRIVACY

The ProVision 2 is an image-free solution that eliminates privacy concerns.

› Automatic Target Detection software eliminates the generation and review of images. Numeric scan data is analyzed by software without human intervention to determine if any threats are present.

› Potential threat areas are then presented to the operator using a generic mannequin.

SPECIFICATIONS

GENERAL

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

SAFETY

› Safe radio waves

› Interior lighting

2.36 m (7'-9")

1.50 m (4'-11.1")

2.27 m (7'-5.3")
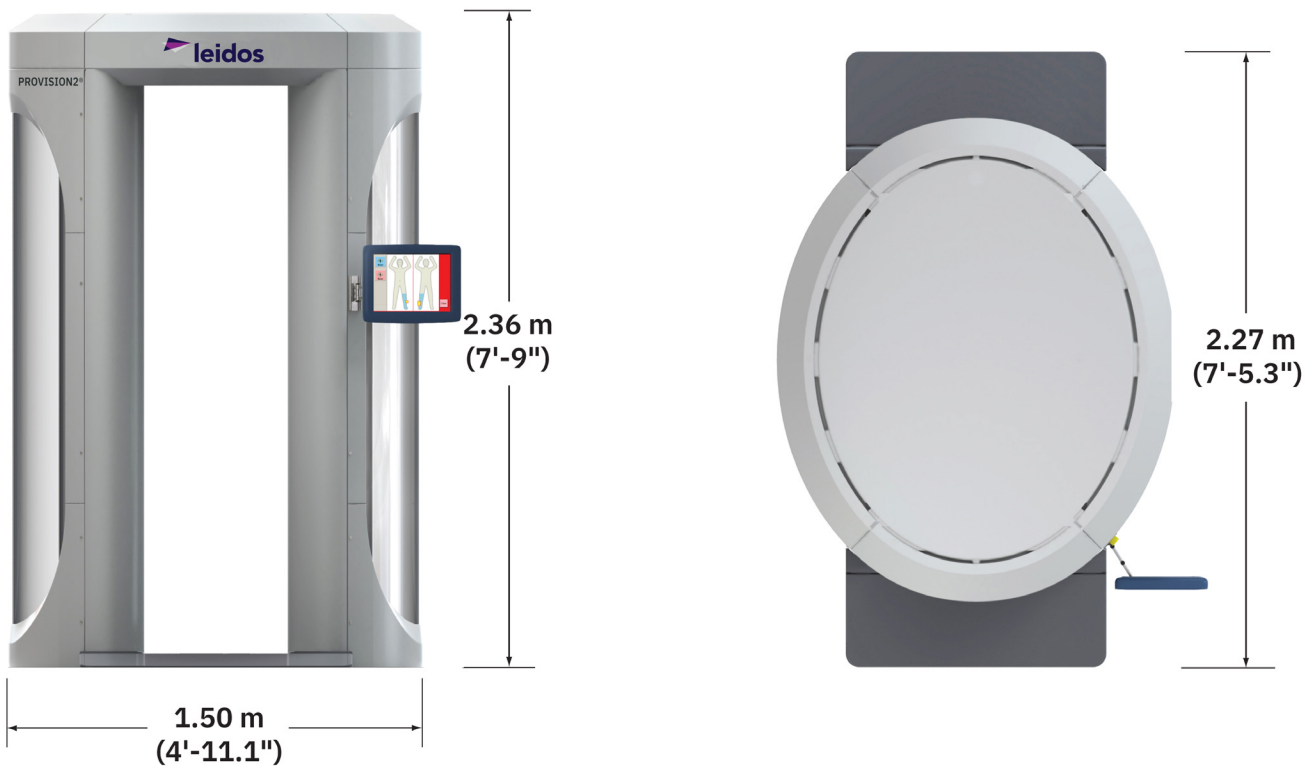
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