

Detect virtually any concealed threat effectively and safely with the ground-breaking ProVision Whole Body Imager

Metal. Ceramic. Plastic. Liquid. There's no limit to the substances that can pose or mask security risks. Now there's no limit to the threats you can see and eliminate, thanks to cutting-edge millimeter-wave imaging technology from L-3. More reliable and less intrusive than pat-down searches, faster than comparative body screening systems, and safer to use than a cell phone, L-3's ProVision Whole

Body Imager (WBI) is a bold step forward in threat detection. Because ProVision allows operators to clearly view objects made of any material—including liquid, rubber, wire, plastic, ceramic and metal—weapons, contraband, and other objects are quickly and easily located. Ideal for use anywhere checkpoint security is needed, the system utilizes harmless radio waves to generate a clear view in seconds.



APPLICATIONS

- Threat detection
- Contraband detection
- Theft prevention
- IP loss prevention



The L-3 Advantage. The introduction of the ProVision Whole Body Imager underscores L-3's commitment to improve threat detection through the advancement of innovative technologies for diverse, complex, and demanding security applications.

**Pinpoint Accuracy:
See What Can't Be Seen**

Smugglers, terrorists, and other criminals constantly search for clever ways to conceal threat substances and contraband. ProVision's unmatched detection technology eliminates the ambiguity of pat-down searches and provides a clear picture of what's hidden—and where.

ProVision penetrates clothing to zero in on the position of concealed objects on the body. In 10 seconds on average, operators can locate hidden threats such as ceramic weapons, plastic explosives, drugs, and other contraband. ProVision can also prevent the theft of confidential information, cash, valuables, or intellectual property from secure locations.




















**Advanced Imaging:
Healthier Technology**

ProVision's patented sensing mechanism uses active millimeter-waves, common radio-frequency signals that reflect off objects at extremely low power levels. These signals pass through all types of clothing but do not penetrate the body. The reflected waves are captured by the system's sensors and sophisticated computer processing is used to create a series of images from multiple views, resulting in a 3-D hologram of the subject, rather than a single, two-dimensional view. ProVision uses no ionizing radiation and is safer to use than a cell phone.

**Optimum Detection:
Unparalleled Precision**

ProVision's extraordinary detection capabilities are a formidable component of a total security solution for any application where checkpoint screening is a necessity.

- **Airport Security:** In addition to weeding out commonly prohibited or unauthorized items, ProVision is an effective tool that helps prevent the smuggling of weapons, explosives, and other banned objects and substances.
- **Government Buildings:** ProVision helps secure embassies, consulates, and other high-risk facilities, and can help keep banned items such as cameras, recording devices, and cell phones out of restricted areas.
- **Customs and Borders:** From halting drug smugglers to identifying suicide bombers, ProVision is an invaluable tool for authorities at borders crossings and other interdiction sites.
- **Prisons:** When used to screen inmates, detainees, visitors, vendors, or staff, ProVision can help stop the flow of weapons, drugs, and other contraband.
- **Military Bases:** ProVision virtually eliminates unnecessary pat-down searches, speeds up checkpoints, and maintains the safety of security personnel.

Threat Detection or Object Recognition							
Portal Detectors	Maximum Throughput Per Hour	Metallic Weapons	Non-Metallic Weapons	Explosives	Narcotics	Cash/Valuables	Data Storage Devices
Backscatter Portal	 100/hr.*						
Trace Portal	 120/hr.						
L-3 ProVision MMW Portal	 425/hr.**						
Metal Detection Gate	 500/hr.						

* Based on three 8-second scans for full-body scanning
 **Based on dual-screener option

Field-Tested Performance: Unsurpassed Throughput

When it comes to throughput, there's no match for the rugged, reliable ProVision. In about 10 seconds on average, operators can complete a thorough body scan. With potential peak throughput levels of over 400 people an hour, ProVision far outpaces alternative screening methods.

Other imaging technologies take only a single frame scan from one direction at a time, requiring multiple scans for the same coverage. The time required to position an individual to be scanned and to scrutinize the resulting images can dramatically lower throughput rates.

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

ProVision's user-friendly operator console allows operators to initiate scans, view frames, and examine scans with just a touch

Operational Flexibility: Go Configure

The ProVision system can easily be configured to meet specific throughput and facility requirements, from single scanner and single computer combinations to multilane configurations. Depending on space requirements, operator controls can be set up remotely or directly adjacent to the portal. The ProVision operator console provides screeners with a powerful, intuitive, and easy-to-use operating interface. In addition to weapons and other contraband, ProVision's unmatched single-scan detection capability spots even the slimmest objects—such as CDs, paper currency, and other razor-thin items. ProVision detects objects hidden anywhere on the body in seconds, and accommodates the throughput needs of high-traffic, high-volume sites.



Features

Standard Features

- Transparent walls
- Rigid construction
- Configurable operating modes

Optional Features

- Touch screen scanner control
- Remote operator station
- Multilane configuration

Scanning Features

- Image frame display
- Adjustable play speed
- Adjustable lightening, brightness, and contrast
- Mirror scan display
- Zoom
- Basic, enhanced, or full view selection

Physical Specifications

Color metal structure: Flint Gray
Inner walls: Clear Lexan 9600 3 mm
Outer walls: Clear Lexan 9600 3 mm

Safety

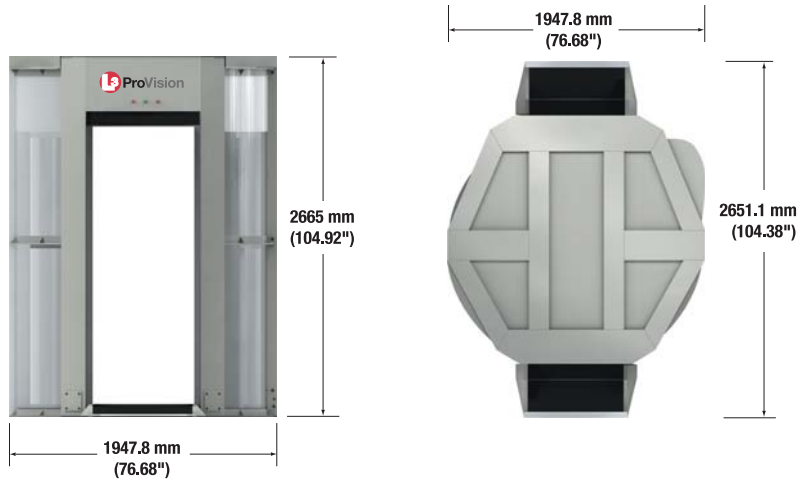
- Interior lighting
- No ionizing radiation used

Operator Console

Standard Windows * -based PC

Scanner

Height: 2665.0 mm (104.9")
Width: 1947.8 mm (76.7")
Depth: 2651.1 mm (104.4")
Weight: 816 kg (1800 lbs)
Power: 100 VAC - 240 VAC / 1900 Watts Peak
50 hz - 60 hz
Temperature: 0° C to 35° C (32° F to 104° F)
Humidity: 5 – 95% non-condensing



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