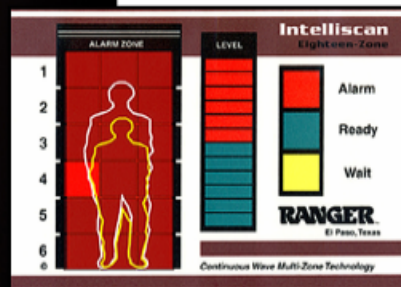


RANGER

Walk-Through Metal / Weapons Detectors

INTELLISCAN™ 18 ZONE

Multi-Zone Security Walk-Through Metal Detector



- ⊕ 18 zone header display shows location of weapons or contraband
- ⊕ Eliminates the need to empty pockets of typical amounts of keys, coins, etc.
- ⊕ Superior immunity to alarms from electromagnetic interference
- ⊕ Uniform detection throughout entire detector, even with large amounts of steel re-bar in floor
- ⊕ Can target specific types of metal or alloys for enhanced loss prevention use
- ⊕ Certified by Federal Aviation Administration
- ⊕ Competitively priced for all security applications

Patented 18 Zone Continuous Wave Multiple Sensor technology increases quality of security and lowers cost of weapon screening and loss prevention

US Patent No's 4677384 & 5521583 -Other Patents Pending © 2000 Ranger Security Detectors

INTELLISCAN 18 ZONE

Design Features

Measurement Principles: Unique Continuous Wave Multiple-Sensor Measurement. True multiple zone performance at an analysis rate of 33,000 scans per second. Multiple zone detection provides excellent discrimination between harmless objects such as keys and coins etc... and weapons.

Adjustable Zone Sensitivity: Sensitivity of each zone individually adjustable. Allows detection losses caused by re-bar in floor to be fully compensated. Highly uniform detection throughout archway.

Continuously Active Detection: Detection circuitry is never deactivated. Weapons cannot be slid, tossed or passed through detector undetected. No IR Sensor or traffic counter used to deactivate detector.

Interference Rejection: Advanced control algorithms and unique circuitry provide exceptional noise immunity. Operates in environments that render many detectors inoperable.

Digital Signal Processing and Diagnostics: Microcontroller provides high stability Digital Signal Processing and self monitoring self diagnostics.

Keypad and LCD Display: Data entry and display of operating parameters. Alpha-numeric display. Built into the crosspiece indicates the ready state, the presence and the relative size of metal objects on the bar graph display, all programming and error parameters, traffic count, alarm count and alarm rate.

Status Display: Red lamp for alarm, green for ready and yellow for wait. Twelve segment color bar graph shows real-time signal level strength.

Numeric Display: The Bar Graph Display can be set so the relative signal being received by the Walk Through Metal Detector is displayed in numbers opposed to the traditional "dots" or LEDs.

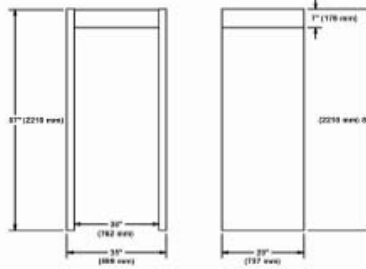
Electrical: To adjust automatically to variations in line voltage from 95 to 250 VAC or 35 VDC without operator intervention.

System Security: On/off key switch and six digit pass-code. Eliminates any unauthorized tampering with parameters. Authorized personnel can change the access code.

Traffic Throughput: Fast transit response and automatic reset allows more than 50 per minute to be accurately screened.

Intelligent Traffic Counters: Intelligent Traffic counter, which increases the count in one direction and decreases the count in the opposite direction, is built in. The desired direction of travel can be selected and the number of the passengers, number of alarms and alarm percentage can be displayed on the alpha numeric display. This type of counter gives a more accurate traffic count, especially when passengers are asked to step back through the gate to divest themselves of alarming metallic items.

Automatic Sensitivity Calibration: Enables the detector's sensitivity to be automatically selected for a specific weapon or test object. The reference object is carried through the detector a pre-set number of times (adjustable from 1 to 20 by the user).



Weight: 140 lbs. (63.5 kg.)

Self Diagnostics: A comprehensive self-diagnostics system continuously monitors the unit's operation. If a fault condition occurs, an alphanumeric readout shall display the exact nature of the problem. Operating personnel cannot override a fault condition prior to being corrected.

Easy to install and setup: Installation and setup takes about 15 minutes.

Multiple Unit Operation: No synchronization cables required. 16 Selectable operating frequencies allowing two or more detectors to operate in close proximity.

Shipping Weight: 150 lbs (68 kg)

Shipping Dimensions:

Header - 7.25 X 30 X 19.75 inches
(184 X 762 X 502 mm)
Side panels - 87 X 20.25 X 3.75 inches
(2210 X 514 X 95 mm)

Operating Temperature: Unit can operate within a temperature range of 14°F to 131°F (-10°C to 55°C) and a relative humidity up to 95% without condensation.

Conformity: Harmless to pacemakers. Meets or exceeds IEC standards for safety requirements for Electronic Measuring. Meets or exceeds FCC class B standards.

Regulatory Standards: Certified by Federal Aviation Administration. Meets or exceeds all requirements of the National Institute of Law Enforcement and Criminal Justice (N.I.L.E.C.J.) Standard 06101.00 security levels 1-5.

Warranty: Limited 2 year warranty.

Optional Accessories Available:
Wheel Kit: Allows detector to be easily relocated.

Battery Backup Kit: Internal rechargeable 24 VDC battery provides 8 hours of operation in the event of power failure.

Intelliscan protects:

Airports and Seaports
Government Buildings
Embassies
Police Facilities
Courthouses
Prisons and Jails
Military Bases
Research Sites
Power Plants
Banks
Mints
Financial Institutions
Hospital ER and MRI
Schools
Distribution Centers
Manufacturing Plants
Sports Stadiums
Casinos
Broadcast Studios
Night Clubs/Hotels
Mining Operations
Public Transportation
Conference Centers

Designed and Manufactured in the USA

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Ranger Security
Detectors



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