

MicroSearch®

Reliable, efficient human presence detection for a variety of inspection applications.

MicroSearch human presence detection system detects unauthorized individuals hiding in vehicles or containers by sensing the vibrations caused by the human heartbeat. **MicroSearch** is ideal for border crossings, maritime ports, correctional institutions and portal/entries to high value facilities such as embassies, courthouses and other federal buildings.

MicroSearch delivers reliable, efficient performance and offers the following benefits:

Reliability: Accurate results in a variety of environmental conditions, including dry, dusty, wet and hot/cold environments

Speed: Fast processing for maximum efficiency

Accuracy: Lower false alarm rates than any other available product

Safety: No risks to operator or detected persons during operation

Unmatched Flexibility: Portable and industrial versions meet your environmental or operational requirements

Economy: Far less capital-intensive than dedicated vehicle/cargo X-ray machines

Light, Compact Sensors: Twice the holding power of previous sensors

Flexible Cabling: Heavy duty connectors for maximum cable life

Superior Data Transfer: High-speed USB interface between the control box module and host computer

MicroSearch operates in two modes: *standard* and *enhanced*, delivering superior performance in a variety of environments. The enhanced mode uses two additional ground sensors and upgraded software and offers active ground vibration cancellation, making it ideal for challenging operational environments such as busy border checkpoints, seaports and high traffic inspection areas. The system can be upgraded from standard to enhanced operating mode quickly and easily in the field with a retrofit kit and new software load.

MicroSearch System Components:

Standard Mode

- (1) Host computer*
- (1) Control Box Module
- (1) AC Adapter: AC 100V-240V 50/60Hz
- (1) 10' (3m) USB Cable
- (4) 50' (15m) Sensor Cables (includes one spare)
- (3) Vehicle Sensors (includes one spare)
- (2) Ground Sensors (includes one spare)
- Null Modem RS-232 Cable

MicroSearch System Components:

Enhanced Mode

- (1) Host computer*
- (1) Control Box Module
- (1) AC Adapter: AC 100V-240V 50/60Hz
- (1) 10' (3m) USB Cable
- (6) 50' (15m) Sensor Cables (includes one spare)
- (3) Vehicle Sensors (includes one spare)
- (4) Ground Sensors (includes one spare)
- Null Modem RS-232 Cable

MicroSearch Software:

- Microsoft Windows® Operating System
- MicroSearch Human Presence
- Detection Software (Standard or Enhanced version)
- MicroSearch Vehicle Logging and Reporting Database
- Desktop security software
- Current to Windows OS
- Output Signal Capability to be Integrated in Third party Security System

MicroSearch®

For Security that Doesn't Miss a Beat



MicroSearch detects unauthorized individuals hiding in vehicles and containers.