

Introducing MicroSearch® G4.0

New Features Offer Improved Performance and Better User Experience



The newest release of MicroSearch®, MicroSearch® G4.0, is being introduced in January 2016. Three new key features—based on internal product development and customer feedback—in this G4.0 upgrade improve system performance and the user experience:

- Individual Sensor Traces
- Wind Sensor
- Camera

Existing G3 and G3.5 systems can be easily upgraded to G4.0 with these features. The new features of this upgrade do not change any of the basic hardware associated with the system with the exception of the Control Box, which will have additional ports to accept the camera and wind sensor inputs.

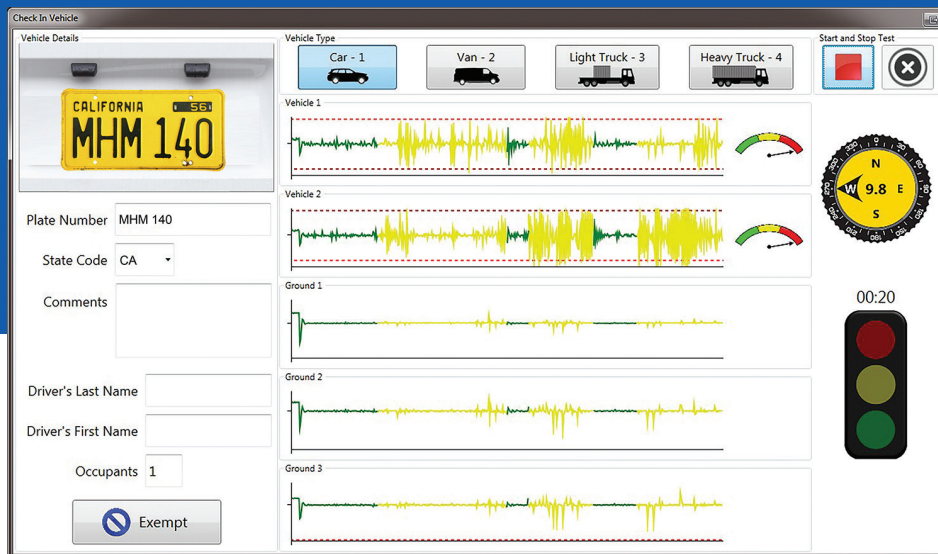
Individual Sensor Traces

This feature provides a continuous signal trace for each sensor connected to the system. These individual signal traces for each sensor allow the operator to easily see that the system is actively working and to identify which sensor (ground or vehicle) is generating the most activity. This helps to determine difficult locations where ground vibration may be present and to identify if wind or other vibrations are present.

For example, if one ground sensor shows significantly more activity than the others, the operator can move additional ground sensors near that location to improve system performance. For vehicle sensors, the sensor traces provide similar information, letting the operator know if the sensor is being affected by wind or vehicle movement during the testing.

This feature will be included with every version of MicroSearch G4.0.

**Introducing MicroSearch® G4.0,
the fourth generation human
presence detection system.
Delivering superior performance
in the harshest environments.**



MicroSearch® detects unauthorized individuals hiding in vehicles and containers.

MicroSearch® offers fast processing for maximum efficiency.

Wind Sensor

The wind sensor provides real-time feedback on wind speed and direction.

Wind has long been a technical challenge for MicroSearch due to its ability to create vibrations that either mask or mimic those being detected on a vehicle. Wind is particularly challenging because it is very dynamic; it changes in speed and direction constantly. In addition, every vehicle reacts differently to wind.

The newly added anemometer quantifies the speed and direction of the wind at any site and depicts it on the user interface, so the operator can make better decisions about the use of the system, and how best to block or mitigate the wind's effect on the vehicle being tested. The anemometer comes with a tripod for easy deployment during use and is connected to MicroSearch via a new port on the Control Box.

This feature is an option available on MicroSearch G4.0.

Camera Capture of Vehicle Image

A still camera lets the user capture an image of the vehicle under test, including the license plate, for storage in the database. This allows for future review of the vehicle, including the saved image. The camera includes interactive controls for the operator to pan and zoom, as well as position the camera for the desired image. The camera comes with a tripod for easy deployment during use and is connected to MicroSearch via a new port on the Control Box.

This feature is an option available on MicroSearch G4.0.

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

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