

For more information contact,
Wil Marsh
Optical Scientific, Inc
2 Metropolitan Court, Suite 6
Gaithersburg, MD 20878
wmarsh@opticalscientific.com
www.opticalscientific.com
+01 301 963 3630 x 210



Press Release

Gaithersburg, MD, August, 2015: Optical Scientific Inc. (OSi) announces a new Hazardous Response Portable Weather Station. Released this year, over 100 **HazMet 100 systems have already been delivered. The HazMet100** system is a low-cost / portable weather station designed for easy portability and quick deployment. The HazMet100 system is configured to work with the EPA's ALOHA dispersion modeling program. ALOHA will accept real time data from the HazMet100 system and generate threat zone estimates of chemical releases. For more information on EPA's ALOHA software go to <http://www2.epa.gov/cameo/aloha-software>.

Users include military, fire departments, homeland defense and agencies responsible for managing response to hazardous chemical releases and fires. For those desiring different configurations and protocols other than ALOHA, the system can be quickly modified to meet specific customer requirements.

The HazMet100 system is composed of a compact 2100-138 multi-parameter sensor, collapsible tripod, battery, spread spectrum radios, and control box. The 2100-138 multi-sensor measures wind speed, wind direction, temperature, relative humidity, and barometric pressure. The 2100-138 includes built-in GPS and electronic compass. The electronic compass means the system can be quickly installed in emergency applications. Alignment of wind sensor to North is not required. The 2100-138 is mounted on an included 9 foot collapsible tripod. The tripod has one extendable leg to facilitate deployment on uneven terrain. Spread spectrum radios are standard with this system. The radios allow installation of the HazMet100 in a hazardous area. The system then transmits ALOHA compatible atmospheric data to a safe monitoring base site located away from the hazardous area. The HazMet100 system can operate up to 4 days on a fully charged battery. The HazMet100 system includes tripod carrying bag and a wheeled Pelican case for convenient storage and transport of all the components.



The OWI-650-DS Low Power Weather Identifier and Visibility Sensor (LP-WIVIS) is a plug-in option to the HazMet100 system. The LP-WIVIS adds visibility, precipitation intensity and precipitation type discrimination (present weather) to the system. A solar powered option allowing for long term deployment is also available.