



# Automated Weather Stations



## OSi AWS<sup>®</sup> Advantages

- Easy installation
- Permanent or portable weather stations
- Intelligent algorithms based on over 200 million hours of OSi sensor field data
- Solar, Battery or AC Powered
- Other sensors easily added
- Data radio options available
- Separate data acquisition system not required
- Design for unattended operation
- Built-in self diagnostics & testing

Long a world leader in optical meteorological sensors OSi now also provides complete weather stations built around the OWI-430 DSP WIVIS and OWI-650 Low Power WIVIS. Select the OWI-430 based system for permanent AC powered stations. Select the OWI-650 for battery powered or solar applications. In either case you get an advanced Weather Identifier and Visibility Sensor (WIVIS) with other sensors of your choice. These optional sensors include wind, temperature/humidity, road surface conditions, barometric pressure, and other sensors.

The extra IO capability of the WIVIS (RS232, extra analog channels) means no separate data acquisition system is required. The WIVIS is the acquisition system. The result is a powerful weather station minus the cost and installation complication of a separate data logger or data acquisition system. .



Designing a weather station can be a daunting task. We have been in the weather sensor and system business for over 25 years. Lets us help you configure and design your professional weather system.

For more information email or call the weather experts at OSi.



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*For the world's best performing and most reliable advanced optical instruments, please contact OSi today!*

