

For more information contact,  
Wil Marsh  
Optical Scientific, Inc  
2 Metropolitan Court, Suite 6  
Gaithersburg, MD 20878  
[wmarsh@opticalscientific.com](mailto:wmarsh@opticalscientific.com)  
[www.opticalscientific.com](http://www.opticalscientific.com)  
(301) 963-3630 x 210



## Press Release

**Gaithersburg, MD, September 2006:** Optical Scientific Inc. (OSi) announces the introduction of the DSP-WIVIS, the world's most advanced present weather/visibility sensor. OSi is well known for their present weather/visibility sensors. OSi's advanced weather sensors provide critical weather information to airport, highway, military, research and meteorological weather information systems at over 2000 sites. OSi's patented environmentally adaptive algorithms use advanced artificial intelligence technology derived from over 100 million field hours of real-world data from OSi's sensors. This real world experience has been put into the engineering of the latest OSi Weather Identifier and Visibility Sensor (WIVIS™).

The DSP-WIVIS™ measures visibility and detects and quantifies rain, snow, drizzle, freezing and mixed precipitation conditions. The sensor is designed for year-round continuous operation in all climates. An optional acoustic hail and ice pellet sensor (HIPS) is available. Adding the optional HIPS acoustic sensor provides for enhanced hail and ice pellet discrimination.

The DSP-WIVIS™ is intended for use by airports, road weather information systems (RWIS) and any other applications requiring automated present weather or visibility information. Other present weather/visibility sensors require periodic field calibration by trained technicians. The DSP-WIVIS™ unique advanced adaptive algorithms eliminate the need for field calibration. This makes the DSP-WIVIS™ especially attractive for installation at remote sites.

