

Optical Sensors Sweden AB



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OPTICAL FOG SENSOR

**Detect fog. Improve safety.
Make better decisions.**

The Optical Fog Sensor from Optical Sensors Sweden provides real-time visibility measurements using advanced forward scatter technology. Designed for accuracy, reliability and low maintenance — even in the most demanding environments.



Real-time
fog detection



Improve safety on
roads & runways



Accurate visibility
measurement



Low maintenance
& high reliability



Built for harsh
weather



Easy integration
& data output

OVERVIEW

The Optical Fog Sensor (Mini oFS) uses forward scatter light technology to measure atmospheric visibility (MOR) and detect fog with high accuracy. Small, robust and maintenance-free, it is ideal for a wide range of applications where safety and reliable weather information are critical.

- Measures visibility (MOR) from 10 m to > 20 km
- Detects fog, haze and low visibility conditions
- No moving parts — high reliability
- Fast response time
- High accuracy and long-term stability
- Low power consumption
- Easy installation and integration



IDEAL FOR

- Road & highway weather information systems
- Aviation & airports
- Maritime & Ports
- Railways
- Wind Energy
- Industrial & Environmental Monitoring

KEY FEATURES



Advanced Optical Technology

Forward scatter measurement for accurate visibility in all light conditions



Fog Detection

Reliable detection of fog and low visibility events



Fast & Accurate

Quick response for real-time decision making



Rugged & Reliable

Built for harsh environments - IP66 rated



Easy Integration

RS232 / 0-5V



Low Maintenance

No moving parts and long service life

**SEE WHAT MATTERS.
EVEN IN THE FOG.**

Accurate visibility data when you need it most.
For safer operations and
smarter decisions.

