

Sentry Visibility Sensor

SSI P/N: 57010600



The Sentry Visibility sensor is digital and uses a technique called forward scatter for visibility measurements. Atmospheric visibility is measured by determining the amount of light scattered by particles (smoke, dust, haze, fog, rain, & snow) in the air that passes through the sample volume.

Features:

- Compact, lightweight package
- Simple installation and maintenance
- Flexible output options
- Simple 30 minute calibration
- Integrates with RWIS tower

Performance Specifications:

- Range: 30m to 16 km standard
- Accuracy: +/- 10% RMSE
- Time Constant: 60 sec
- Scatter: 42 deg nominal

Specifications:

Operating Temperature

-40 to 60 C

Operating Humidity

0-100%

Protection

IP66 (NEMA-4X)

Outputs

0-10 VDC analog standard
0-5 VDC analog optional

Power

10-36 VDC, 6 VA Nominal

Weight

8 kg (18 lb)

Dimensions

889 mm W x 292 mm H x 305 mm D (35 in x 11.5 in x 12 in)

Mounting

Nominal 40 mm pipe, 48.3 mm OD max

