

## SEM226VC Visibility Detector

**MAIN FEATURES**

- Flexible output options
- High-performance sensor at a competitive price
- Compact, lightweight package
- Simple installation & maintenance
- Integrated heater for all-weather operation

**OVERVIEW**

SEM226VC is a low cost visibility sensor working based on forward scattering principle developed by SenTec. Main application is for traffic purposes. Aluminum alloy shell with spray-powder make it will never rust, applicable to drilling platforms, ships, highways and other transport sector.

Using forward-scattering technique it measures the amount of particles in the air that limit the visibility. It emits pulses of infrared light and measures the intensity of the forward-scattered light of the suspended particles in the atmosphere, using suitable algorithms to convert the measurements to meteorological visibility values.

**SPECIFICATION**

Measuring range	10-3000m
Accuracy	±20%
Communication	RS232, RS485
MTBF	15000 hours
Operating temperature	-50°C~+50°C
Operating humidity	0-100%
Protection	IP65
Power supply	12-24VDC
Power consumption	6W
Dimension	300*115*140mm
Weight	1.8kg

**OUTLINE CONSTRUCTION**