

**SEM226V Mini Visibility Meter**
**MAIN FEATURES**

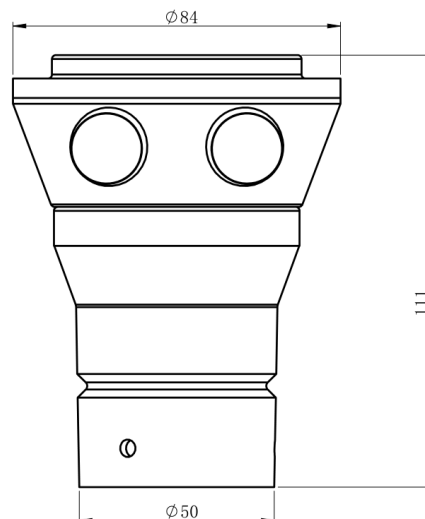
- Using backscattering principle, the shape is more compact
- With multiple output methods
- No moving parts-low maintenance
- Simple installation and debugging


**PRINCIPLE**

The smog is composed of many tiny water droplets and various fine particles in the air. The infrared light emitted from the light source is scattered by the water droplets and then detected by a highly sensitive detector. Within a certain range, the more water droplets or other tiny particles detected, the greater the intensity of scattered light. Calculated by embedded software, the light scattering intensity is converted into a standard visibility value.

**SPECIFICATION**

Detection range	10-4000 meters
Measurement accuracy	±10%
Light source	IR LED
Response time	1 second
Digital output	RS485, RS232, SDI-12
Analog output	4-20ma, 0-10V
Working temperature	-30 – 50 °C
Working humidity	0~99%RH (non-condensing)
Power supply voltage	VDC 7-30V
Power consumption	0.2W
Dimensions	4 × 74 × 120 mm

**DIMENSION**


UNIT:MM