

# Visibility Sensor

## HIGHWAY/ROAD SENSOR DATASHEET

**[BHM-S-VBS]** is a low-cost visibility sensor working based on forward scattering principle developed. Main application is for traffic purposes. Aluminium alloy shell with spray-powder make it will never rust, applicable to drilling platforms, ships, highways and other transport sector. Using so called forward-scattering technique it measures the number of the amount 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.

### SENSOR - VIEW

PROFESSIONAL LINE	SPECIFICATION
<b>Model</b>	<b>BHM-S-VBS</b>
<b>Visibility</b>	10 ~ 6000 meters
<b>Resolution</b>	1 meter
<b>Accuracy</b>	Accuracy
<b>Serial Output</b>	RS232 or RS485
<b>Analog Output</b>	4-20mA or 0-5V(with extra cost)
<b>Formats</b>	ASCII active output, NMEA0183,MODBUS-RTU, SDI-12
<b>Baud rate</b>	1200 ~ 115200 bps
<b>Power Requirement</b>	12-24 VDC
<b>Operating Temperature</b>	-40 ~ +70°C
<b>Protection Class</b>	IP65
<b>Dimension</b>	280x180x90 mm
<b>Weight</b>	4 kg

### APPLICATION - VIEW

- For check the visibility on the road



Representative