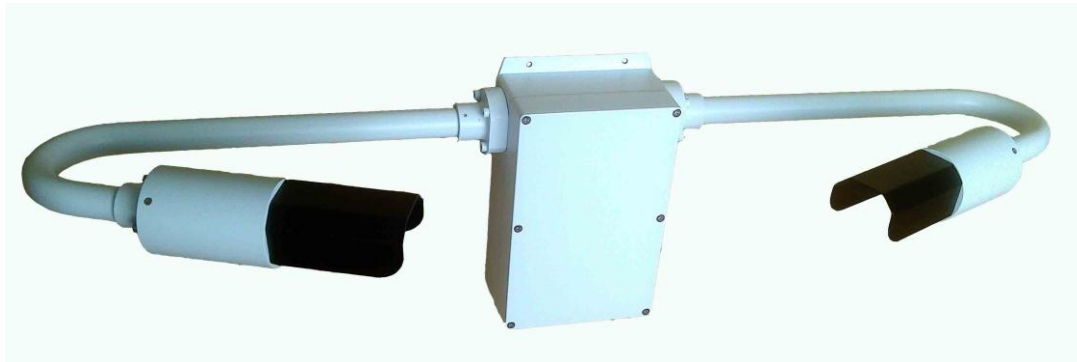


The forward scatter measurement principle and unique design ensure the output is both accurate and reliable in all weather conditions and will not be influenced by local lights sources, even those that flash. With a measurement range of 10m to 10km the sensor is suitable for use in road and aviation constructed from robust aluminium and finished with a high quality powder coat, the sensor will provide years of reliable service. Heating of the optical windows and sensor hoods is provided as standard allowing use in the harshest of conditions. Both optical windows are monitored for contamination and the visibility output is automatically compensated to reduce maintenance requirement.

FEATURES

- Applicable to highway, port, ship and environmental visibility detection
- Using aluminum alloy material, strong and lightweight
- Hood heating for use in extreme environments
- Simple structure, good working stability, high reliability, low energy consumption, easy to use and maintain
- Not affected by local lights
- Low maintenance requirement



TECHNICAL SPECIFICATION


Item	Technical Specification
Measurement Range	5-7500m
Measurement principle	Forward scatter
Resolution	1m
Accuracy	±10%
Data update rate	1s(default)
Supply	12-24VDC
Output	RS485,RS232
Power Consumption	Approx.1W, (heating: 6W MAX.)
Dimension	710*250*175mm
Installation	Hoop installation
Lifetime	>10 Years
Operating Temperature	-40°C-+70°C@0-100%RH

RK300-10 Visibility sensor

Weight	3kg
Shell Material	Aluminium alloy

INSTALLATION



 Complies with applicable CE directives.

Specifications subject to change without notice. Version 3.0

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