

# ATTINGIMUS

## AT-SOG Type S

RADAR  
COLLISION  
AVOIDANCE



Radar sensor for accurate  
vehicle speed over ground  
measurement.

1 - 300KM/hour

Detects moving or stationary objects

Outdoor operation

Robust design ideal for harsh environments

Not affected by rain, snow or fog

**SENTEK**  
solutions

The AT-SOG Type S RADAR sensor is used for high-precision speed measurement.

It uses the FMCW radar signals to provide a non-contact measurement of speed in relation to the ground. Not affected by variations in the ground surface, it is particularly useful where slow speeds and difficult terrain can cause errors on normal speed management systems (wheel slip).

Typical applications would include road rollers or road line marking machines. Also agricultural spreaders and sprayers, where an accurate understanding of the vehicle speed is required to enable the synchronisation of the material output.

## Model Number

## AT-SOG Type S

Speed range	1 - 300 KM/hour
Beam angle	Horizontal: 11° (+/-5,5°) (typical) Vertical: 11° (+/-5,5°) (typical)
Speed accuracy	99.5%
Readout period	10ms
IP rating	IP67
Connections	M12 5 pin circular connector
Output	Serial RS422
Tilt	10°
Optimal installation height	30cm above ground
Supply voltage	9-30vDC
Supply current	140mA
Max current	500mA
Operating temp.	-20° to 60°
Storage temp.	-30° to 100°
Approvals	CE
UK EU ISO standard	ETSI 300 / 440 compliant
Case/ material	Lower housing - Alg. black anodized   Housing cover - POM Plastic black
Weight	650g
Dimensions	100mm x 100mm x 42mm

For more information:

**Sentek Solutions Ltd,**  
Devonshire Business Centre,  
Works Road, Letchworth, Herts SG6 1GJ, U.K.  
Tel: +44 1223 923 930  
Email: [info@sentekeurope.com](mailto:info@sentekeurope.com)  
[www.sentekeurope.com](http://www.sentekeurope.com)

Your Authorised **ATTINGIMUS** Partner

**SENTEK**  
solutions