



ACCURATE SPEED MEASUREMENT

AMG0110 - Radar

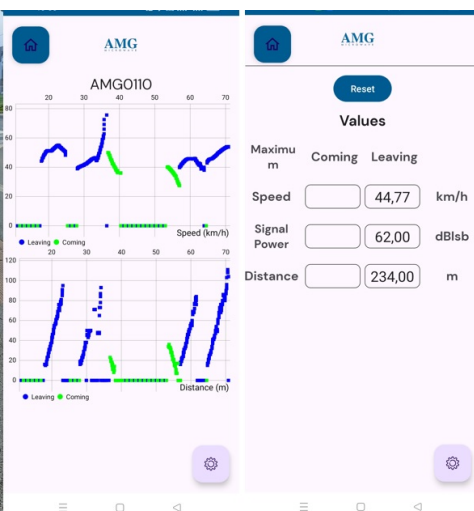
- Non-repressive speed control
- Performance check
- Sports apps
- Speed capture for servo control
- Railway speed indication

DESCRIPTION

The AMG0110 speed radar is specially designed to obtain precise vehicle movement measurements. Very high resolution, fast with tracking and tracking for characterization of movement speeds in the most difficult conditions.

Insensitive to the shape, color or material of the target, it is installed easily and quickly for precise measurement and monitoring of speed. The product is available with 2 antenna patterns and in three configurations: OEM, in box and in case. It is also available in two speed ranges.

USE

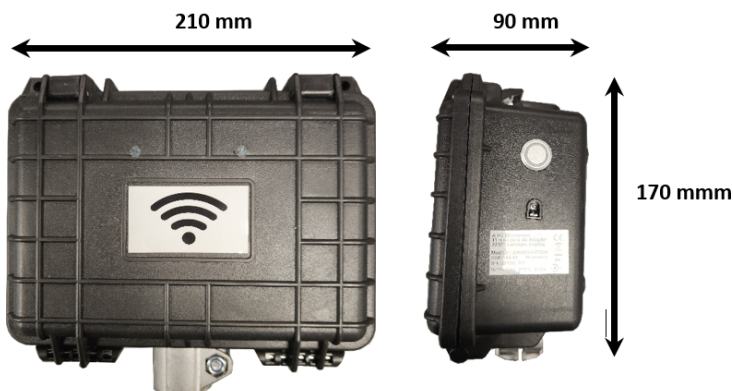


APPLICATIONS

The radar measures the speed and distance from the target in the arriving or departing direction. Digital processing on DSP carries out frequency analysis by FFT, predictive filtering and monitoring of the main frequency of the spectrum. Not very sensitive to unwanted movements, its detection distance is greater than 150 m for a light vehicle. In a suitcase, it runs on battery with a Bluetooth connection. The mobile application allows the display, storage and rapid capture of speeds: a true contactless speed measuring device. In OEM or in a box it is used for precise and reliable control of zone crossings and compliance with maximum speeds.

Mobile radar when entering and exiting a construction site.
 Performance measurement with two speed ranges from 0.5km/h to 181km/h and from 5km/h to 500km/h.
 Train advancement, contactless start and stop detection.
 Detect the presence of vehicles in difficult conditions: washing robot.
 Correct video frames for frame rates.

ADDITIONAL INFORMATION



FEATURES

- Range 0.5 km/h to 181 km/h
- Accuracy 0.2 km/h
- Resolution 0.1 km/h
- Detection distance 150m for a VL
- 9 V to 30 V and 90 mA
- With battery life 20 hours
- -40°C to +80°C

DISCLAIMER: AMG Microwave reserves the right to make modifications to the design and characteristics of this product at any time and without prior notice.
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