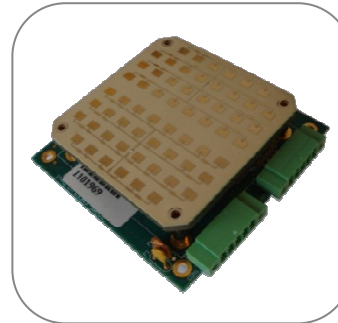


Ⓢ The **IcomSpeed** is a Doppler radar designed to measure the speed of approaching or receding vehicles.

Due to its flatness the unit can easily be integrated into your product, such as a speed display panel or a VMS (Variable Message Sign).



## The assets

- Reduced size
- Consumption as low as 8 mA/50 mW at 6 V (according to settings)

## Ⓢ TECHNICAL FEATURES

### Ⓢ Why choosing an **IcomSpeed**?

#### COMFORT

- Unaffected by weather conditions: dust, heat, intense cold, humidity, etc. have no influence on the radar performance
- No maintenance
- 3 outputs: 2 contacts (open drains) and 1 RS232 interface

#### STANDARDS

Electromagnetic compatibility and electrical safety: the IcomSpeed complies with the essential requirements and other relevant provisions of the R&TTE Directive 1999/5/EG.



#### SETTINGS (THROUGH TERMINAL)

- Measurement unit: mph or km/h
- For each contact: speed range, direction (approaching, receding or bidirectional) and flashing option (pulse, duration, repetition)
- Speed of communication with serial port (9600 to 57600 bps)
- Time gap between two measures
- Range

Detection range	Adjustable - Max. range: <ul style="list-style-type: none"> <li>- Light vehicle: 120m</li> <li>- Heavy vehicle: 250m</li> </ul>
Detected speed range	From 5 to 300 km/h
Detection direction	Approaching, receding or bidirectional
Dimensions	80 x 80 x 26 mm
Weight	100 g
Operating temperatures	From -20°C to + 75°C
Power supply	5,5-38 V DC
Power consumption	Depending on settings: 8 to 50 mA at 12 V DC
Frequency	K-band: 24.125 Ghz
Transmission power	< 5 mW
User output	<ul style="list-style-type: none"> <li>- RS232 interface</li> <li>- 2 open drains, max. 90 mA/45 V, fuse protected</li> </ul>
Antenna	12° x 24°
Accuracy	Speed: 98 %
Baud rate	9600 to 57600 bps
Protocol	Tekst menus or "machine to machine"

*Specifications subject to change without prior notice.*