



# SatSpeed 2

An interface that converts a GPS signal into a radar compatible pulse for true speed over ground



## Features

- Quick and easy to install
- Precise signal unaffected by weather or surface variations
- Pre-programmed for instant start-up with no calibration required
- Produces an immediate ground speed signal that starts and stops with vehicle movement
- Compact design for easy mounting on tractor or implement

## Technical Details:

Velocity Range:	0.5km/h – 70km/h
Accuracy:	0.36 km/h
Antenna Mounting:	Magnetic (metal plate and adhesive base supplied in kit)
Antenna Housing:	High impact, corrosion resistant and fully waterproof
Start-up Time:	41secs
GPS Frequency:	4Hz
Connections:	3way Female Weatherpack Pin A - +12v DC Pin B – Speed Signal Output Pin C – Ground
Cables:	5m to antenna, 0.3m to connector
Output Frequency:	35.68Hz / Kmh (128.4 pulse/m)

### Satspeed Operation

The unit will automatically find the baud rate and depending on GPS reception status, provide a forward speed signal on power up.

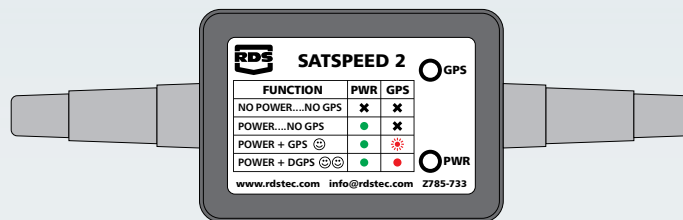
The forward speed reading will default to zero below 0.5km/hr.

NOTE: This unit should not be fitted in situations where speed measurement <0.5km/hr is required, or there is consistent poor quality GPS reception.

Consider that the ground speed signal may be temporarily @ 0km/h depending on the terrain and ground cover (e.g. under or behind trees), and that this will be more prevalent in areas with weaker reception from a limited no. of satellites.

### Status LEDs

There are two LED's indicating the unit's status as follows,



PWR (Green)	GPS (Red)	Unit Status
Off	Off	No power
On	Off	Power but no GPS signal (No forward speed reading)
On	Flash*	Power + Standalone GPS (should result in forward speed reading)
On	On	Power + Differential GPS (optimal performance)

\* Flashes @ VTG message frequency e.g. 4Hz