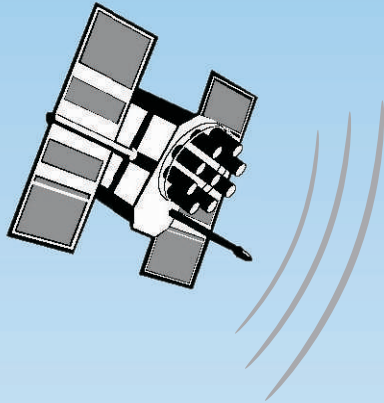




# GPS Measuring & Mapping

The RDS range of GPS accessories offers a modern choice for accurate and reliable fieldwork and mapping



## RDS GPS16

A 12 channel GPS receiver for accurate measurement with both P*S*i and Wizard ranges.

## RDS Satspeed GPS16

A 12 channel GPS receiver and interface to convert GPS signal data to a radar compatible speed pulse.



## RDS P*S*i Yield Mapping Kit

Providing the necessary communication tools for yield mapping through the Ceres 8000i.

RDS manufactures a series of GPS options to further increase the functionality of measurement instruments. Available across the range, the GPS and mapping options open up possibilities for:

Highly accurate speed, area and distance measurement.  
Yield mapping.  
Immediate and precise signals unaffected by terrain or crop factors.  
SD card data transfer.

### Advantages of GPS:

True 'speed over ground' calculated from up to 12 GPS satellites.  
Immediate GPS signal matches vehicle movement.  
Precise signal unaffected by weather or surface.  
Sensor and cabling installed away from moving parts and out of vulnerable areas.  
Forward speed not influenced by wheel slip, wheels size, tyre pressures or vehicle load.  
Not influenced by pitch or yaw of vehicle.  
Not influenced by moving crops.  
Sensor positioning/alignment not critical  
Does not need differential correction.  
Highly accurate performance equivalent to radar.  
Simple 'Plug and Play' installation.

### Limitations:

Not suitable for speed measurement <1.0 km/hr.  
Not suitable for use in tunnels or heavily shaded areas.

The **RDS GPS16** is a GPS receiver with integrated antenna in a rugged and waterproof casing. The 12-channel receiver continuously tracks satellites and reports the precise position. It is also WAAS-enabled, so it can determine your precise location to within 3 meters — without using an external DGPS beacon receiver. The GPS 16 offers excellent EMI/RFI performance for use near mobile computing devices and wireless communications equipment without worrying about interference.

The **RDS Satspeed** is a GPS receiver and interface that converts GPS data to a radar compatible speed pulse.

The **RDS PSi Mapping Kit** provides the requirements to enable precision farming mapping functions through the PSi instrument. Including a 1G SD card, an SD/USB adaptor and all necessary cabling. Compatible with numerous precision farming software (Farmade, Agrocom, Patchwork, John Deere Greenstar) The GPS receiver is not included in the kit, but the RDS GPS16 is available as detailed above.

### Available from: