

## AGNSSRTK

### GENERAL DESCRIPTION

Magnetron AGNSSRTK is especially developed for systems that require high precision. It provides position and velocity information with an accuracy of 1 cm.

Because system can operate in L1 and L2 band frequencies, it can provide fast connections without sacrificing performance, even in urban areas and environments with limited air visibility.

System achieves “cm” accuracy in less than 1 minute by automatically accessing NTRIP correction values over GSM network. It can be used as a direct Rover without the need for a base.

#### Electrical

GPS Receiver	L1/L2 Band GNSS (BeiDou/Galileo/GLONASS/GPS)
Filter	L1/L2 Band SAW Filter
RTK	Base and Rover Option
RF Connector	SMA

#### Mechanical

Dimension (mm)	80 x 53 x 17
Weight (g)	102

#### Operating Conditions

Temperature	-40°C to +85°C
Humidity	%100 R.H.

#### Storage Conditions

Temperature	-40°C to +85°C
Humidity	%95 R.H.
Altitude	50000 ft

#### Environmental Test Standards

Mechanical	MIL-STD-810 G
EMI/EMC	MIL-STD-461 F

