

# L1 RINEX LOGGER

MODEL: RS-L1LOGGER-V1



## HIGHLIGHTS

- L1 GPS & GLONASS logging
- Survey-In or start from stored location
- Low power consumption
- Complete water and dust protection
- Easy to use conversion software
- Perfect for PPK applications

## DESCRIPTION

The L1 RINEX Logger from Robotic Systems is a robust and simplified approach to logging localised GNSS corrections for use in Post Processed Kinematic (PPK) systems. Tracking L1 GPS and GLONASS satellite constellations, the L1 RINEX Logger can calculate its own location over time with the press of a single button or have it entered manually for an instantaneous 3D Fix.

Colour-coded LEDs display the logger status from a distance with data being stored on an easy to access full size SD card. All contained within an IP67 housing for complete dust and water protection.

Use the included, single-step conversion software to translate the L1 RINEX Logger's \*.GDL file to a RINEX observation file, ready to upload to any compatible PPK system

Available in two variants; (see product codes below)

Standard Unit includes; L1 RINEX logger, 1GB SD Card, Underminated Power Cable

Full System Kit includes, standard unit plus survey grade tripod, Tribrach levelling/plumb system and L1 Antenna.

## SPECIFICATIONS

<b>MODEL DETAILS</b>	Model Number	Standard Unit: RS-L1LOGGER-V1 Full System Kit; RS-L1LOGGER-V1-KIT
	Version	1.0
<b>GNSS</b>	Supported Signals	GPS L1 C/A, GLONASS L1OF
	Positioning Modes	Survey-In: Converge on antenna location to configured accuracy Fixed Position: Start from stored or user input antenna location
	Position Acquisition Times	Fixed Position: ~30s Survey-In: Dependant on satellite coverage and user set accuracy (eg ~5min with 1m accuracy and 20 satellites)
	Log Output	GNSS Data Log (*.gdl)
<b>RINEX</b>	Converter Software	GNSS Logger Interface (Windows XP, Vista, 7, 8, 8.1, 10)
	RINEX Version	3.02
	RINEX Output	Observation (*.o)
	Data Storage	Removable Full size SD Card (included)
	<b>POWER</b>	Input
	Antenna Power	3.3V, 100ma Output
<b>PHYSICAL</b>	Size	16.5 x 12.5 x 9cm
	Weight	440g
	Ingress Protection	IP67