



# GPS GLOBAL SOLUTIONS®

## MINI GGS IMU

FIRST IMU GNSS RECEIVER  
UNDER GPS GLOBAL SOLUTIONS BRAND

GPS//GL//BDS//GAL

IP67//2M DROP

1408 CHANNELS

8MM+1 PPM  
15MM+1 PPM



IMU

UP TO 60 DEG

0.17 KG

>10H BATTERY

108X56X35MM

\* SET INCLUDED:

- MINI GGS
- RUGGED CONTROLLER 6.5" IP69K 15000MAH
- MINIATURIZED HARD CASE
- ANDROID APP SURVEY
- TELESCOPIC POLE IN COVER

2 YEARS WARRANTY

ONLINE SHOP/STACIONARY/SERVICE CENTER/AUTHORIZED DEALER

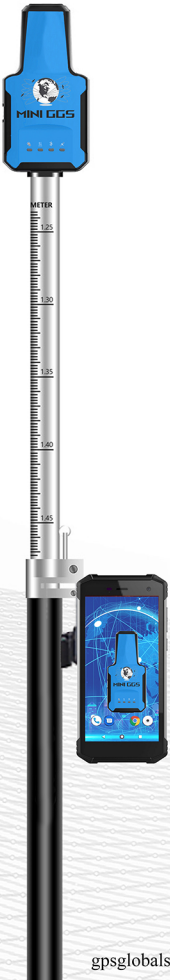
# THE SMALLEST GEODESIC GNSS DEVICE IN THE WORLD

The smallest geodesic GNSS device in the world so far, with a mass of less than 170g. However, the sparrow may be small but it has all the vital organs, it is equipped with a high-performance OEM board, and the number of channels has reached 1408. Supports all satellites and all frequency bands, and performs well even in complex environments. In addition, this small body is also equipped with a fast initialization, calibration free & immune to magnetic interference IMU module. All users can use this technology to collect or stakeout topo points up to 60°. Because of the ultra-small size of the device, it can basically meet the needs of various measurement scenarios, such as personnel positioning, GIS industry, pipeline measurement and so on.



**GPS GLOBAL SOLUTIONS®**

## SPECIFICATIONS



<b>GNSS Performance</b>	<b>Satellites signals tracked simultaneously</b>	GPS :L1C/A,L1C,L2C,L2P(Y),L5 BDS :B1I,B2I,B3I,B1C,B2a,B2b* SBAS:L1,L2,,L5 QZSS:L1,L2,L5,L6* Galileo:E1,E5a,E5b,E6* GLONASS:L1,L2
	<b>Channels</b>	1408 tracking channels
	<b>Accuracy</b>	Horizontal: 8 mm+1 ppm RMS Vertical: 15 mm+1 ppm RMS
	<b>Speed</b>	≤0.03m/s
	<b>Start time</b>	Cold Start≤30s, Hot Start≤3s
<b>Electrical</b>	<b>Battery</b>	Built-in lithium-ion battery
	<b>Capacity</b>	1800mAh/8.4v, ≥10h
	<b>Interface</b>	Type-c 5V/2A
<b>Communication</b>	<b>Data Interface</b>	Type-C
	<b>Bluetooth</b>	Bluetooth V4.0
<b>Environmental</b>	<b>IP</b>	IP67
	<b>Shockproof</b>	Survive a 2m drop
	<b>Operating Temperature</b>	-20°C to 75°C
	<b>Storage Temperature</b>	-40°C to 85°C
<b>Button &amp; Indicators</b>	<b>Button</b>	1*Power Button
	<b>Indicators</b>	1*Power Light, 1*Bluetooth Light, 1*Data Light,1*Satellite Light
<b>Physycal</b>	<b>Dimension</b>	108mm×56mm×35mm
	<b>Weight</b>	≤170g