



GPS GLOBAL SOLUTIONS®

NANO GGS IMU V2

THE SMALLEST IMU RECEIVER WITH 4G MODEM
UNDER GGS BRAND

GPS//GL//BDS//GAL

1408 CHANNELS

BUILD IN 4G
MODEM

IMU

UP TO 90 DEG

IP67//2M DROP

8MM+1 PPM
15MM+1 PPM

UP TO 10H
BATTERY

0.143 KG

ONLY 5CM X 3.7 CM



* THE SET INCLUDED:

- NANO GGS V2 RECEIVER
- RUGGED CONTROLLER MIL-STD 6.5 IP69K 15000MAH/UP TO 40H
- MINIATURIZED HARD CASE (23.5X19X9.5CM)
- FIELD ANDROID APPLICATION WITH PERMANENT LICENCE
- TELESCOPIC POLE WITH CASE

2 YEARS WARRANTY

ONLINE SHOP/STATIONARY/SERVICE CENTER/AUTHORIZED DEALER

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THE SMALLEST GEODESIC GNSS DEVICE IN THE WORLD

The smallest geodesic GNSS device in the world so far, with a mass of less than 145g with build in 4G/LTE modem GSM. However may be the small but it has all the vital organs, its equipped with a high-performance OEM board with the 1408 channels. Support all satellites and all frequency brands. Perform well even in complex environments. In addition, this small body is also equipped with a fast initialization, calibration free & immune top magnetic interference IMU module. This technology allow to collect or stakeout points up to 90deg. Because of the ultra-small size of the device, it can basically meet the needs of various measurement scenarios, such as surveying, positioning, GIS industry, pipeline measurements and so on.



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SPECIFICATIONS



GNSS Performance	Satellites signals tracked simultaneously	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
	Channels	1408 tracking channels
	Accuracy	Horizontal: 8 mm+1 ppm RMS Vertical: 15 mm+1 ppm RMS
	Speed	≤0.03m/s
	Start time	Cold Start≤30s, Hot Start≤3s
Electrical	Battery	Built-in lithium-ion battery
	Capacity	1800mAh/8.4v, ≥10h
	Interface	Type-c 5V/2A
Communication	Data Interface	Type-C
	Bluetooth	Bluetooth V4.0
Environmental	IP	IP67
	Shockproof	Survive a 2m drop
	Operating Temperature	-20°C to 75°C
	Storage Temperature	-40°C to 85°C
Button & Indicators	Button	1*Power Button
	Indicators	1*Power Light, 1*Bluetooth Light, 1*Data Light,1*Satellite Light
Physycal	Dimension	115mm×53mm×35mm
	Weight	≤143g

GG5 B55 KEYBOARD CONTROLLER

Technical Specification

Platform	Display screen	5.5 inches, resolution 720*1440	
	Processor	8-Core 2.0GHz	
	System	Android 11	
	Internal storage	4+64G	
	Rear camera	13 million autofocus cameras	
Network	Wlan	IEEE 802.11 a/b/g/n/ac 2.4G/5G	
	Bluetooth	BT5.0 (BLE)	
	NFC	Protocol support: ISO14443A/B, ISO15693, Distance: 0-5cm	
	wwan	FDD-LTE	B1/B3/B5/B7/B8
		TDD-LTE	B38/B39/B40/B41
WCDMA		B1/B2/B5/B8	
GSM		B2/B3/B5/B8	
Battery	Volume	3.7V, 7700mAh	
	Speaker	95dB±3	
Video	MIC	MIC*1	
	Type-c	Support OTG, fast charging	
Interface	SD card slot	The maximum support is 256G	
	SIM card slot	DualSIM	
	Size	221*77.7*16mm	
Physical parameter	Weight	335g	
	Operating temperature	-20°C — 55°C	
	Storage temperature	-30°C — 70°C	
	Operating humidity	5%—95%	
	Drop	1.5m Hard ground	
	IP Protection	IP67	

*The above technical parameters are for your reference. The company reserves the right to change the design and planning of the product based on the actual product.



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