



MINI GGS IMU V2

GPS//GL//BDS//GAL

1408 CHANNELS

IMU 2CM
UP TO 90 DEG

0.38 KG
9CM X 5 CM

IP67//2M DROP

8MM+1 PPM
15MM+1 PPM

BUILD IN UHF
MODEM

UP TO 10H
BATTERY



THE SMALLEST IMU
GEODETIC RECEIVER WITH UHF
UNDER GGS BRAND

* THE SET INCLUDED:

- MINI GGS V2 RECEIVER
- RUGGED CONTROLLER MIL-STD 6.5" IP69K 15000MAH//UP TO 40H OR KEYBOARD ONE
- 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

LEADING PROFESSIONAL RTK INTO ULTRA SMALL ERA

The pocket size geodesic GNSS device, with a mass of less than 0,38kg and build in UHF modem. 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.



GPS GLOBAL SOLUTIONS®

SPECIFICATIONS



GNSS

Channels	1408
	GPS: L1C/A, L1C, L2C, L2P, L5
	BDS: B1I, B2I, B3I, B1C, B2a, B2b
	GLONASS: G1, G2, G3
	Galileo: E1, E5a, E5b, E6
	QZSS: L1C/A, L1C, L2C, L5
	SBAS: L1
	NAVIC: L5
*1 High Precision Static	H: $\pm (2.5+0.5 \times 10^{-6}D)$ mm V: $\pm (5+0.5 \times 10^{-6}D)$ mm
RTK	H: $\pm (8+1 \times 10^{-6}D)$ mm V: $\pm (15+1 \times 10^{-6}D)$ mm

Tilt Compensation

Accuracy	$\pm (8+0.3TILT)$ mm
*2 Angle	0~120°
Update Rate	100Hz

System Parameters

Operating System	RTOS
Data Record	DAT
Bluetooth	BT5.0 Backward compatibility

Radio

Power	1w
Frequency	410-470MHz
Global Communication Protocol	TRIMTALK 450S、TRIMMARKIII、SOUTH19600、SOUTH19200、SATEL9600、SATEL19200、TRANS PARENT
Operation Mode	Transceiver

Power

Voltage	5-12V Power Delivery
Working Time	18h (Network Mode)、15h (Radio Reception)、8h (Radio Transmission)

Port Indicator

SMA	Connecting the radio antenna
Type-C	For charging & Data connection
Indicator Lights	satellite, datalink, bluetooth, battery light

Physical

Dimension	98mm*53mm(Excluding 5/8 pin interface)
Weight	380g
Operating Temperature	-30°C ~ +70°C
Storage Temperature	-40°C ~ +80°C

Environmental

Water/Dust Proof	IP67
Shock	Normal temperature resistance of 1.5 m drop (hard ground)
Humidity	Up to 100%



GGs TAB P69 ULTRA RUGGED TABLET

10" SCREEN with 15 000 mAh BATTERY

SPECIFICATION	
Operating System	Android 12
CPU	MT6762 Octa-core (Cortex A53 2.0GHz x8)
SCREEN	
Screen Size	10.1 Inch
Screen Type	IPS, Capacitive
Resolution	800x 1280px Pixels
MEMORY	
RAM	4GB
ROM	64GB
Card Slot	support 1T
CAMERA	
Front Camera	16MP
Back Camera	16MP
Flash	support
Features	support
Video Recording	support
COMMUNICATION	
WIFI	2.4GHz/5GHz
GPS	A-GPS, BDS, GLONASS
Bluetooth	V5.0
Additional Features	G-sensor, Proximity Sensor, Light Sensor, Gyro, Compass, GPS, OTG, FM radio, Hall Sensor, Geomagnetic Sensor
Interfaces	1 x Type-C 2 x Nano SIM card or (1 x Nano SIM card + 1 x TF card) slots
Network Frequency	2G: B2/B3/B5/B8 3G: B34/B39/B1/B2/B4/B5/B8/BC0 4G: B38/B39/B40/B41/B1/B2/B3/B4/B5/B7/B8/B12/B17/B18/B19/B20/B25/B26/B28A/B28B/B66
SENSORS	
Sensor	G-sensor
Messaging	SMS (threaded view), MMS, Email, Push Email
Browser	HTML5
Alert types	Vibration; MP3, WAV ringtones
Loudspeaker	Yes
OTHERS	
SIM Card	Dual SIM Cards (Nano-SIM, dual stand-by)
Battery Capacity (Typ.)	Battery : 15600mAh
Languages	Arabic, Brazil, Czech, English, French, Greek, German, Italian, Malay, Portuguese, Russian, Spanish, Thai, Ukrainian, Simple Chinese, Traditional Chinese, Croatian.



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