

# GINTEC G30

## KLÚČOVÉ VLASTNOSTI

- ◆ Výkonná doska 1598 kanálov
- ◆ 5 satelitných systémov + 16 frekvencií
- ◆ Interné rádio dosah 6 km, WiFi, Bluetooth
- ◆ Rýchle nabíjanie Typ C USB
- ◆ 6800 mAh interná batéria (≥15 hod)
- ◆ IMU Technológia
- ◆ Malý a ľahký GNSS len 888 g
- ◆ IP68 štandard
- ◆ Podpora SKPOS, S-JTSK, Bpv

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Uhlová kompenzácia

GINTEC



NOVÁ VOĽBA NOVÁ BUDÚCNOSŤ

GINTEC

# ŠPECIFIKÁCIA

## POSITIONING

Board Model	Mk-803
Channels	1598
GPS	L1 C/A, L2C, L2P, L5
GLONASS	L1 C/A, L1P, L2C/A, L2P
BEIDOU	B1/B1C, B2/B2a, B2b, B3
GALILEO	E1, E5A, E5B, E6, E5 AltBOC
SBAS	WAAS, EGNOS, MSAS, GAGAN, SDCM
QZSS	L1, L2C, L5
L-band	Optional
Cold Start	<30s
Singal	<1 s
Recapture	

## ACCURACY

Static Accuracy	H: $\pm 2.5\text{mm} + 1\text{ppm}$ V: $\pm 5\text{mm} + 1\text{ppm}$
RTK Accuracy	H: $\pm 8\text{mm} \pm 1\text{ppm}$ V: $\pm 15\text{mm} \pm 1\text{ppm}$
Tilt Angle	0~60°
IMU Accuracy	10mm + 0.7mm/°tilt(1.8m Pole)
Update Frequency	5Hz(up to 20HZ raw data collection)

## POWER

Battery	Internal Li-on Battery 7.2V, 6,800mAh
Duration	Rover Mode >15h
Input	6-28 V DC, Overvoltage protection

## PHYSICAL

Material	Magnesium aluminum alloy shell
Dimension	135mm (Diameter)*84mm(Height)
Weight	888g

## OPERATION

Button	1
LED Indicator	Bluetooth, Data Link, Satellite, Power
VOICE Prompt	Support for multiple languages: Chinese, English, Russian, Portuguese, Spanish, Turkish France and user define
Web UI	Support to access Web UI via WIFI and USB

## SYSTEM

Operation System	Linux
Memory	4GB Internal Storage
Bluetooth	Bluetooth 3.0/4.1, Bluetooth 2.1+EDR standard
NFC	Support
WIFI	802.11b/g standard
WIFI Data Link	To work as the datalink that receiver is able to broadcast and receive differential data via WIFI
Mobile Network	LET FDD: B1/B3/B5/B7/B8/B20 LET TDD: B38/B40/B41 WCDMA: B1/B5/B8
Internal UHF	Power: 1W Frequency: 410-470MHz Work Distance >6KM
Protocol	SOUTH, Farlink, Trim Talk, Hi-target, CHC, Satel
Data Transmission	USB data transmission and FTP/HTT data download
Data Format	RTCM3.X, RTCM2.X, CMR, sCMRx, DGPS, RTCA, NOVATELX GPS output data format: NMEA0183, PJK plan coordinates, Binarycode Network model support: VRS, FKP MAC, fully support NTRIP protocol
Tilt Survey	IMU Tilt Survey Compatible with SurPad and Creat Yours

## INTERFACE

TNC	UHF Antenna
Type-C	Charge and Data Transmission
7pin	NMEA Out Put
Other	Micro SIM Slot

## ENVIRONMENT

Work Temperature	-25 °C~+65 °C
Stock Temperature	-35 °C~+80 °C
Waterproof/Dustproof	IP68 Standard
Shock and Vibration	Withstand 2.0m pole drop
Humidity	100%



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