

GINTEC G20

KEYFEATURES

- ◆ Full Constellation Tracking
- ◆ UGysohila RTK Processing Tech
- ◆ IMU Tilt Survey Compatible with SurPad
- ◆ Multi-Protocol Compatible Internal Radio
- ◆ Fast-Charge Tech and Long-Life Battery (18h)
- ◆ Multifunctional WIFI Module
- ◆ Smart WEB UI Control

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AR Ready

NEW CHOICE NEW FUTURE

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SPECIFICATIONS

POSITIONING

Board Model	UM4B0
Channels	432
GPS	L1,L2,L5
GLONASS	L1,L2
BEIDOU	B1,B2,B3
GALILEO	E1, E5a, E5b
QZSS	L1,L2,L5
SBAS	L1
Cold Start	<40s
Singal Recapture	<1 s

ACCURACY

Static Accuracy	H: $\pm (2.5+0.5 \times 10^{-6} D)$ mm V: $\pm (5.0+0.5 \times 10^{-6} D)$ mm
DGPS Accuracy	H:0.40m;V0.80m
RTK Accuracy	H: $\pm (10+1 \times 10^{-6} D)$ mm V: $\pm (15.0+1 \times 10^{-6} D)$ mm
Time Accuracy	<20ns
Tilt Measurement Accuracy(within30°)	<2cm
Update Frequency	5Hz(up to 20HZoptional)

POWER

Battery	Built-in Battery,9750mAH 7.4V
Duration	>16h
Input	12V/2A DC

PHYSICAL

Material	Magnesium aluminumalloy mainbody,ABS/PC top cover
Dimension	156mm*102mm
Weight	1.4Kg

OPERATION

Button	Power and Function Buttons
Indicator	Stellites,Datalink,Bluetooth, WIFI Status,Power
Voice Prompt	TTS Bilingual Voice

SYSTEM

Operation System	Linux
Memory	Interal32GB;TF Extended
Bluetooth	V2.1+EDR/V4.0 Dual Mode
WIFI	802.11b/g standard
4G Network	LET FDD:B1/B3/B5B8 LET TDD:B38/ B39/ B40/B41 TD-SCMA:B34/B39 CDMA:BC0 WCDMA:B1/B8 GSM:900/1800Mhz B1/B5/B8
Internal UHF	Power:1W Frequency:410~470MHZ Work Distance>5KM
Protocol	Trimtalk450S,TrimMark III(19200), SOUTH PCC-EOT,ect
Tilt Survey	IMU Tilt Survey Compatible with SurPad

INTERFACE

TNC	UHF Antenna
2pin	Charge
7pin	NMEA Out Put
Other	Nano SIM Slot and TF Slot

ENVIRONMENT

Work Temperature	-20 °C~+75 °C
Stock Temperature	-40 °C~+85 °C
Waterproof/Dustproof	IP67 Standard
Shock and Vibration	Withstand 1.5m pole drop
Humidity	100%



Data Collector H6

Android 8.1
5" HD screen
6GB RAM/64GB ROM
Full Keyboard
IP67



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