

G71

INDUSTRIAL-GRADE HIGH-PRECISION GNSS/RTK RUGGEDIZED HANDHELD TERMINAL

HUGEROCK G71 series industrial-grade high-precision GNSS/RTK ruggedized handheld terminal, integrated high-precision GNSS/RTK positioning board, supports GPS, GLONASS, Galileo and Beidou system integrated navigation and positioning. It uses a updated operating system and is equipped with an external helical antenna as standard, which obtains reliable high precision positioning easily, and provide effective solutions for various high precision data acquisition applications.

The whole series of products use 8-core 2.0G Hz A73 processor, 1000nit ultra-bright high-definition full-view display, 10000mAh built-in large-capacity battery, IP67/MIL810G high standard industrial protection level, built-in multiple communication methods and 8+128G large-capacity storage Unit, convenient for fast transmission and storage of various data. It can be widely used in various high-precision positioning fields such as land surveying and mapping, electric power inspection, land management, forestry census, geographic survey, underground pipeline inspection and so on.



4G
full Netcom



10000mAh
Safety Battery



1.8m
Drop-proof



5M/13M
Camera



GNSS
GPS+Beidou+Glonass



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Vertrieb durch: GEOsat GmbH / www.geosat.de

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APPEARANCE



Antenna



- | | | | |
|---------------------|------------------|-----------------|--------------------|
| 1. MIC | 2. Camera Button | 3. SOS Button | 4. Handset Jack |
| 5. Light sensor | 6. Sub Camera | 7. USB-Type-C | 8. Power Button |
| 9. Reset Button | 10. Volume Up | 11. Volume Down | 12. TF-card Reader |
| 13. SIM-card Reader | 14. Antenna | 15. Main Camera | 16. Speaker |



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SPECIFICATION

Model:G71

Hardware		Communications & Networking	
CPU	ARM A73 2.0GHz Octa --core(2.0GHz)	Phone Call	GSM /WCDMA/CDMA 1X/VoLTE
GPU	Arm Mali--G72 MP3	2G	GSM/CDMA 1X/EDGE/GPRS/WAP
RAM	8G	2G Band	GSM (B2/3/5/8)
Internal Memory	128G	3G	WCDMA 3.75G (HSDPA+ 42.2Mbps, HSUPA+ 11.5Mbps),EVDO
External Memory	Micro SD card (T-FLASH card), max 256GB	3G Band	WCDMA {B1/2/5/8} ,Evdo: BC0/BC1 CDMA: BC0/BC1
Main Camera	13.0MP(AF) with flash led	4G	FDD: 150Mbps down, 50Mbps UP TDD: 150Mbps downlink , 50Mbps uplink
Sub Camera	5.0MP	4G Band	TD-LTE {B38/39/40/41} ; FDD LTE {B1,B2,B3,B4,B5,B7,B8,B12,B17,B20,B28}
Battery	10000mAh	Wi-Fi	Dual-band (2.4GHz/5Ghz) single stream 802.11 a/b/g/n/ac
Display	7 inch IPS/AFFS 720*1280 HD industrial 1000nit Sunlight Readable	Bluetooth	4.2 Low Energy (LE)
Touch Panel	Capacitive/frosted tempered film supports glove touch/spray/active capacitive pen	Industrial & Reliability Design	
IO/Sensor/Navigation		Shake-proof	1-19Hz/1.0mm; 19-200Hz/1.0g
SIM Card	1.8/3.3V SIM card	Dropproof /IK	MIL-STD-810G/Method516.6/Procedure IV & Touch Panel IK05
TF Card	Micro SD card (T-FLASH card) ;max 256GB	Waterproof	Class 7 (IEC 60529)
Headphone	3.5mm (CTIA)	Dustproof	Class 6 (IEC 60529)
Data interface	USB Type-c 24pin support OTG	Reliability	MTBF>5000h; MTTR<0.5h
Direction Sensor	Support	Operating temperature	-20°C to 55°C
Gravity sensor	Support	Storage Temperature	-40°C to 80°C
Magnetic Field Sensor	Support	RH	5% to 95%
Motion sensor	Support	Operating Altitude	Max: 4,500 m (15,000 feet)
Rotation Vector	Support	Certification/OS/Software	
Light-sensor	Support	Certification	3C /FCC/CE/ROHS/IP67 (IEC 60529)
Acceleration sensor	Support	Language	English, Spanish, Portuguese (Brazil), Portuguese (Portugal), Italian, German, Dutch, French, Polish, Romanian, Turkish, Russian, Arabic, Indonesian, Malay, Thai, Vietnamese, Hindi, Hebrew, Simplified Chinese, Chinese Traditional, etc
Charger	5.0V 2A-10W	OS	Andriod 10.0
Navigation	GPS+Glonass+Beidou+Galileo+AGPS	Package/Warranty terms/OEM	
Appearance		Warranty	24 months
Size	202*138*22mm (LxWxH)	OEM/ODM	Support
Weight	700g	Package	USB cable/Charger 5V 2A/Antenna/Introduction manual/Screen protector/gift box /Toolkit/OTG
Color & Material	Black & Blue		

**According to the actual model, GNSS receivers receive different types of signals. Please check the performance list of GNSS receivers of the model.



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