



GEOFIX

# RTK C515

High-performance RTK

Switch on it, fast and smooth measurement at hand



# C515

C515 RTK with all-band and all satellite system supporting works well with higher calculation speed. It is able to get a quick connection, a quick measurement, a quick search for satellites, and a quick fixing. Equipped with high-precision inertial system, a new built-in ultra-long-range radio transceiver, C515 works longer, faster with higher accuracy.



## Ligher, Faster, Stronger

### 780g

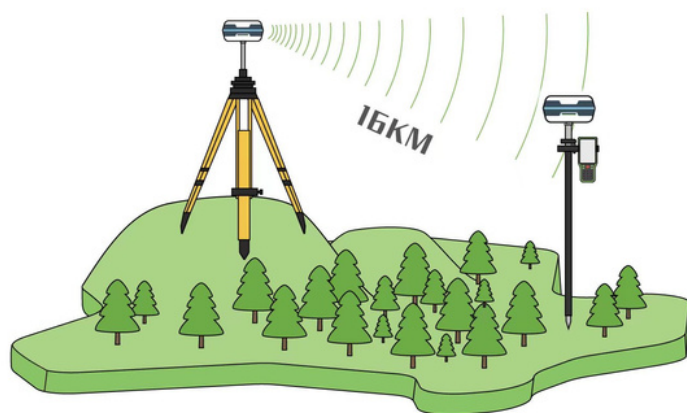
The C515 RTK with high performance is only 780g. It has a light measurement controller and GNSS pole as well.

### 25h working hours

C515 uses intelligent electronic power system to ensure long working hours. No worries about the battery life.

### 2sec to get fixed

C515 is able to get quick and high-precision calculating based on BeiDou satellite navigation system, and get fixed immediately without extra waiting.



## Link Radio

The built-in integrated radio transceiver has high bandwidth receiver with low power consumption. It can work within a long distance with low delay, under certain circumstances, covering a range of 16km. The built-in radio performs as well as the external large radio station.

**8KM**  
Regular

**16KM**  
Enhance

# High-precision INS

The newest tilt compensation technology integrate the GNSS algorithm with sensors and improves by 30% in its measurement accuracy, which meets the 2cm accuracy requirement of the surveying and mapping, and structural engineering.



Covered Place



Dense Jungle



Underground



Buildings



Hiding Point



Dangerous Point



2<sup>60° tilt</sup>  
cm

# Rocky G6



**Big red button:** a button reserved for measurement.

**Type Nine keyboard:** More comfortable and convenient.

**Master of performance:** 8 cores CPU, 4G DDR4 RAM gives the equipment powerful calculating ability to work with complex CAD drawings and bring out data immediately



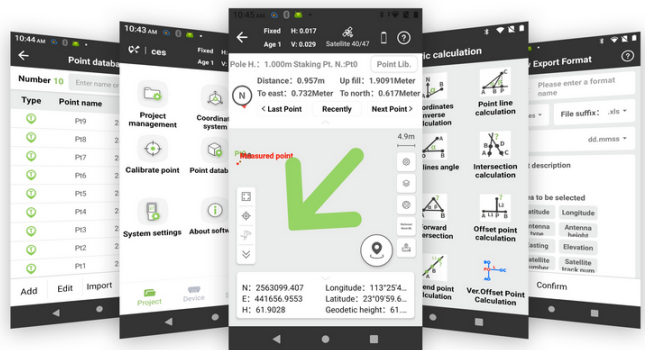
## Rocky G6 Technical Indicators

- Software platform ..... Android 10.0
- CPU ..... 8 cores 2.0Ghz
- Storage ..... 4G DDR4 + 64G
- Network system ..... NanoSIM 4G
- Bluetooth ..... BLE 5.0
- Battery ..... 5200mAh Up to 20 hours
- Type Nine keyboard ..... backlit keyboard
- Weight ..... 335g

# Geofind

Geofind has been greatly upgraded with various measurement modes that cater to users' needs.

Users can view and check the data while the measuring program is under way. The DiMap, which offers services for RTK, is professional, intelligent, and user-friendly.



## Professional Set



## Standard Rover Set

Gnss Receiver	X1
Charger For Receiver	X1
Power Cable	X1
UHF Antenna	X1
Carrying Case	X1
Controller	X1
Controller Bracket	X1
Charger For Controller	X1
Power Cable	X1
GNSS Pole+Bag	X1

## Technical Specification

<b>GNSS</b>	Channels	1116
	Signal Tracking	GPS: L1C/A, L1C, L2C, L2P, L5
		BDS: B1I, B2I, B3I, B1C, B2a, B2b, ACEBOC
		GLONASS: G1, G2, G3
		Galileo: E1, E5a, E5b, E6
		QZSS: L1C/A, L1C, L2C, L5
	SBAS: L1, L5	
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	
<b>Tilt Compensation</b>	Accuracy	$\pm (8+0.3TILT)$ mm
	Angle	0~70°
	Update Rate	400Hz
<b>System Parameters</b>	System	Linux
	ROM	8G
	Data Record	Rinex
	Bluetooth	BT 5.0
	4G LTE	GSM:B2/B3/B5/B8
		UMTS:B1/B2/B4/B5/B6/B8/B19
		LTE-TDD:B38/B39/B40/B41
LTE-FDD:B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28		
<b>Radio</b>	Power	1w/2w
	Frequency	410-470MHz
	Mode	Rx & Tx
<b>Power</b>	Voltage	6-28V QC2.0
	Working Time	25h
<b>Port Indicator</b>	TNC	used to connect the built-in aerial
	Type-C	For charging & Data connection
	Indicator Lights	satellite, datalink, bluetooth, battery light
<b>Physical</b>	Dimension	138mm*68mm
	Weight	780g
<b>Environmental</b>	Operating Temperature	-30°C ~ +70°C
	Storage Temperature	-40°C ~ +80°C
	Water/Dust Proof	IP67
	Shock	Survive a 2m drop on concrete floor, 1.2m free drop
	Humidity	Up to 100%
*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.		