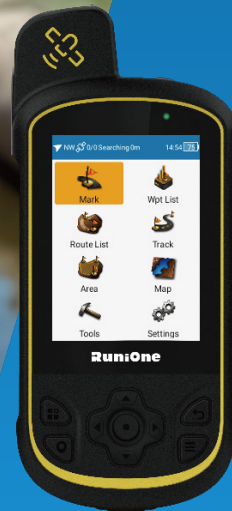




RDC 20

GIS Rugged Handheld



RuniOne

The RDC20 rugged GNSS handheld device has undergone a breakthrough, comprehensive, and revolutionary upgrade. It features a professional positioning module for rapid, precise location tracking, a 2.8-inch high-brightness display, and a 4000mAh high-capacity lithium battery for a full day of intensive use. Widely applicable in surveying and mapping, public safety, precision agriculture, forestry, geology, and other professional fields, it meets the advanced data collection and navigation positioning needs of GIS users.



Supports full constellation satellite reception, including BDS, GPS, GLONASS, Galileo, and QZSS. It also features SBAS differential corrections and an independent BeiDou operating mode, ensuring robust signal strength and pinpoint positioning accuracy.



Featuring a 4-core high-performance processing chip, this device delivers robust computing power to ensure efficient data handling and seamless functionality, providing you with an exceptional user interaction experience.



Standardly equipped with an electronic compass, thermometer, and barometer modules, this device offers more convenient and precise navigation. It effectively measures ambient temperature and significantly enhances altitude measurement accuracy.



Equipped with a high-capacity lithium battery, this device offers over 16 hours of continuous operation and supports power bank charging. It meets the demands of extended missions and completely eliminates concerns about battery life.



Featuring a 2GB+16GB storage configuration with TF card expansion support, this device meets high-volume data storage requirements. Its high-performance storage chip guarantees rapid data read/write speeds, ensuring optimal performance for demanding applications.



Boasting an IP68 protection rating and drop resistance from up to 1.8 meters, this device is engineered to withstand the most demanding outdoor environments, ensuring robust durability under complex field conditions.

Reliable Rapid Responsible

RDC 20

GIS Rugged Handheld



SPECIFICATIONS	
SYSTEM	
Display	2.8-inch 240*320 QVGA/320nits
CPU	UIS 8541E 4 Core 1.4GHz
OS	Android10.0
Storage	2 GB LPDDR3+16 GB eMMC
MULTIMEDIA	
	Illumination Flashlight
	Buzzer (Supported)
SENSORS	
	Electronic Compass
	Gsensor
	Standard Barometer
EXTERNAL PORTS	
	Type-C USB2.0 *1
	MICRO-SD Card Slot: Supports maximum capacity of 128GB (SDHC)
BATTERY	
Capacity	3.8V 4000mAh
Charging Time	Less than 5 hours, 3 hours to charge ≥80%; 5V 2A
Standby Time	Not less than 240 hours
Operating Time	Normal use time is not less than 16 hours
GNSS	
GNSS	BDS/GPS/GLONASS/GALILEO
Supported Data Formats	NMEA 0183 V4.0/4.1: GGA, GSA, GSV, RMC, ZDA, TXT-ANT
Data Update Rate	Up to 5Hz
Startup Time	Cold start ≤32s; Hot start 1s
Positioning Accuracy	≤1.5m (CEP)
RELIABILITY	
Operating Temperature	-20℃~+60℃
Storage Temperature	-30℃~+70℃
Humidity	0-95% relative humidity, no condensation
ESD	Contact 8KV, Air 12KV
Protection	IP68
Drop	1.8 meters drop onto marble
WIRELESS	
	Bluetooth 4.0
	Wifi2.4: 802.11b,g,n
CERTIFICATION	
Whole Unit Certification	CE
	UN38.3
	MSDS
	CE
Package	Air transport certificate