

KEY FEATURES

- 184-channel u-blox F9 engine
- RTK 0.01 m + 1 ppm CEP
- Qualcomm® Snapdragon SDM632, 8 x 1.8GHz
- Android 10 GMS
- 6" IPS FHD 14400*720 500 Nits
- Bluetooth® 4.2

- RECEIVER

Satellite signals tracked	GPS: L1C/A L2C GLONASS: L1OF L2OF BDS B1I B2I Galileo: E1B/C E5b QZSS: L1C/A L1S L2C SBAS L1C/A
Channels	184-channel u-blox F9 engine
Position Rate	5-20 Hz
Protocol	RTCM 3.2
Signal reqcquisition	< 1 S
RTK Signal Initialization	< 10 S
Hot Start	< 15 S
Initialization Reliability	

- Post Processing:

STATIC SURVEYING	1 m + 1PPM CEP
Horizontal	1 m + 1PPM CEP
RTK Positonal 2	RTK 0.4 m + 1 ppm CEP
RTK Positonal 2	RTK 0.01 m + 1 ppm CEP

- System

Processor	Qualcomm® Snapdragon SDM632, 8 x 1.8GHz 4*A73 + 4*A53 1.8GHz
Operatoin System	Android 10 GMS
RAM	4GB
Flash Memory	64GB
External Storage	1 x Micro SD Support max:128G

- Display

Display	6" IPS FHD 14400*720 500 Nits IPS Display Panel Coming® Gorilla® Glass 3 Capacitive,10-Point Touchscreen, Glove/Wet Finger Supported
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- Camera

Rear	13M Autofocus with Flash Light
Front	5M

- Standard Accessories

Vehicle Gateway/Vehicle dock/VEHICLE DOCE WITH GPIO/Vehicle cradle/Vehicle Charge/Battery Charger/Hand strap/Capacitive stylus/HDMI

- Optional Spec.

4+128GB
Qualcomm® Snapdragon MSM8953, 8 x 2.2GHz



- Internal Modem

Network	2G/3G/4G GSM: 850/900/1800/1900 EVDO: BC0 WCDMA: B1/B2/B5/B8 TDD-LTE: B38/B39/B40/B41 FDD-LTE: B1/B2/B3/B4/B5/B7/B8/B17/B20/B28
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- Internal Sensor

G-Sensor	Yes
Gyro. Sensor	Yes
E-Compass	Yes
Accelerometer	Yes
Light Sensor	Yes
RGB Indicator	Yes
Support UHF / NFC	Yes

- Communication

I/O Connectonrs	USB Type-C Support OTG and Headphone
Bluetooth	Bluetooth® 4.2
Wi-Fi	Wi-Fi 802.11 a/b/g/n/ac, 2.4GHz/5GHz
NFC	NFC Built-in, Frequency 13.56Mhz 0-3

- Power Supply

Battery	Swappable Lithium-ion Polymer
Working Time	3.8V/5000mAh Rechargeable and Replaceable Lithium-ion Battery
Approval	UN38.3 MSDS IEC 62133

- Physical Specification

Dimensions	6" 82 x 162 x 14mm (3.2 x 6.4 x 0.6 inch)
Weight	265g (9.3oz)
Operation Temperature	Operation Temperature: -30°C~60°C(-22°F~140 °F)
Storage Temperature	Operation Temperature: -20°C~60°C(-4°F~140 °F)
Waterproof/Dustproof	IP67
Shock Resistance	1.2M (3.9 ft) Drop MIL-STD-810G

- Warranty

FCC, CE, ISED, RCM, UKCA, KC, PTCRB, GCF
1 Year Warranty