

MASKURA CUBE RTK

KEYFEATURES

- ◆ Um980 OEM Board
- ◆ 1408 Channels
- ◆ 500g Net weight per unit
- ◆ Full constellation tracking
- ◆ UGypsophila RTK processing technology
- ◆ IMU tilt survey compatible with X-Survey
- ◆ Type-C fast-charge technology
- ◆ 6500mAh large capacity battery

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SPECIFICATIONS

POSITIONING

Board Model	UM980
Channels	1408
GPS	L1 C/A, L2P(Y), L2C, L5
GLONASS	L1,L2
BEIDOU	B1I,B2I,B3I,B1C,B2a
GALILEO	E1, E5a, E5b
QZSS	L1, L2C,L5
Cold Start	<20s
Initialization Time	<5s
Initialization Reliability	>99.9%

ACCURACY

Single Accuracy	H: 1.50m V: 2.50m
DGPS Accuracy	H: 0.40m V: 0.80m
RTK Accuracy	H:0.8cm 1ppm V:1.5cm 1ppm
Time Accuracy	20ns
Update Frequency	5HZ

POWER

Battery	Built-in battery, 6500mah 3.7V
Duratio	≥17h
Input	12V/1A Type-C

PHYSICAL

Material	ABS/PC top cover
Dimension	100mm *100mm*61.5
Weight	450 g

SYSTEM

Operation System	Linux
Memory	32GB Internal Storage
Bluetooth	V2.1+EDR/V4.0 Dual Mode
WIFI	802.11 a/b/g/n/ac
4G Network	LTE FDD:B1/B3/B5/B8 LTE TDD:B38/B39/B40/B41 TD-SCDMA:B34/B39 CDMA:BC0 WCDMA:B1/B8 GSM:900/1800 MHZ
Tilt Survey	IMU Tilt Survey Compatable with X-survey

OPERATION

Button	Power Button
Indicator	Satellites,Datalink Bluetooth,Power

ENVIRONMENT

Work Temperature	-20 °C~+60 °C
Stock Temperature	-40 °C~+80 °C
Waterproof/Dustproof	IP65 Standard
Shoch and Vibration	Withstand 1.5m pole drop onto the cement ground
Humidity	Humidity 100%

Data Collector Alpha B55



Android 11
5.5" HD SCREEN
6GB RAM/64GB ROM
Full Keyboard
IP67



Huafeng Century Science Park, Xixiang, Shenzhen,
Guangdong, China



www.maskura.tech



vicky@maskura.com



MASKURA



Mobile/Whatsapp
+(86) 189 9894 5565