

KQ M8mini GNSS RECEIVER



GNSS CONSTELLATION TRACKING

- ◆ BDS, GPS, GLONASS, Galileo, QZSS and SBAS. 1408 signal channels full tracking
- ◆ Full -frequency RTK engine and full star RTK technology
- ◆ PPP GAP / PPP quickly re -convergence

RELIABLE PRECISION

- ◆ Support the full -frequency film RTK positioning solution
- ◆ The embedded multi -frequency point anti -interference technology, significantly improved the initialization speed, measurement accuracy and reliability in complex environments

LARGE CAPACITY BATTERY

- ◆ Switchable 3400 mAh battery, working time over 12 hours

FUNCTIONALITY

- ◆ Base, rover, RTK, Static
- ◆ Internal radio or controller network, or with WiFi
- ◆ WEB UI control to provide a friendly experience for user
- ◆ IMU pole-tilt compensation tech, 60 degree and more

RUGGED AND DURABLE

- ◆ Magnesium alloy case, only 790g
- ◆ IP67 protection
- ◆ Resistant to 2m drop

Small size & Powerful function

TECHNICAL SPECIFICATIONS

Performance	
Channel	1408 channels
GPS	L1C/A/L1C/L2P (M)/L2C/L5
GLONASS	G1/G2/G3*
Beidou	B1I/B2I/B3I/B1C/B2a/B2b
Galileo	E1/E5a/E5b/E6*
QZSS	L1/L2/L5
Output	NMEA-0183
Accuracy	
STATIC	
Horizontal: 2.5mm+ 1ppm	Vertical:5mm+ 1ppm
RTK	
Horizontal: 8mm+ 1ppm	Vertical: 15mm + 1ppm
Electrical	
Capacity	switchable battery 3400mAh
Endurance	More than 12 hours
Communication	
Data Storage	8GB
Bluetooth/WiFi	V2.1+EDR/V4.1 Dual Mode, Class 2 WiFi
Internal radio	1Watt full protocol module
Physical	
Weight	0.79kg
Dimensions	80mmx130mm
Operating Temperature	-20C~ +60C
Waterproof/Dustproof	IP67
Protection	Withstand Drop From 2m To Concrete
Connections	
USB / Com	TypeC / RS232
Sim Card	Micro Sim Card
Data Format	
Correction Format	RTCM v3.2-RTCM v2.3-CMR-CMRX
Data Output Format	NMEA 0183-Binary code
Radio protocol	TrimTalk, TrimMark3, South, PCC- EOT

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