

Right to be accurate

Kilichain

Centimeter-level Positioning Accuracy

Modular Design

External Power Supply

Smaller and More Portable

Lightweight and Trendy Design



Focux 3

Specifications

GNSS	
Channels	1408
GPS	L1C/A,L2P(W),L5
GLONASS	G1,G2
GALILEO	E1,E5b,E5
BDS	B1I,B2I,B3I,B1C,B2a
QZSS	L1,L2,L5
Positioning rate	20 HZ
Satellite signal reacquisition time	< 5s
GNSS Accuracies (1)	
Real time kinematics (RTK)	Horizontal: 8mm + 1ppm RMS Vetical: 15mm + 1ppm RMS Initialization time:< 10 s Initialization reliability: > 99.9%
Stand alone	Horizontal: 1.5 m Vertical: 2.5 m
Positioning rate	Maximum 20 HZ
Time to first fix	Cold start: < 25 s
Physicals	
Size	107.6 mm x 40 mm x 38 mm (4.24 in x 1.58 in x 1.50 in)
Weight	60g (2.27 lb)
Shell Material	Alluminium alloy shell + ABS
Working temperature	-45°C to +75°C (-49°F to +167°F)
Storage temperature	-55°C to +85°C (-67°F to +185°F)
Shock	Survive a 2 meters of pole drop
Indicate	1 LED indicate
Ingress protection	IP67 waterproof and dustproof, protected from temporary immersionto depth of 2 m
Humidity	100% condensation

Communications	
Bluetooth	BT4.1, backward compatible with BT2.x, protocol supports Windows/Android/IOS system
Data formats	NMEA-0183 NTRIP Client
Correction data format	RTCM2.3, RTCM 3.x, CMR
Ports	Type-C (for power supply)
Power consumption	As Rover <0.5W
Electricals	
External power input	5 V DC
Power supply	External power bank

*All specifications are subject to change without notice.
(1) Accuracy depends on the open sky, free of multipaths, optimal GNSS geometry and atmospheric condition.

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