

EFIX **C3** sy to Fix **IMU RTK Receiver**



www.efix-geo.com



- 100% more efficient to do surveying and staking-out
- 41% better performance in canopy environments
- Lifetime online face-to-face services
 - Much easier RTK operations



ENHANCED SIGNALS TRACKING

COMPREHENSIVE STAKING-OUT

SUPER ACCURAC **EFI**

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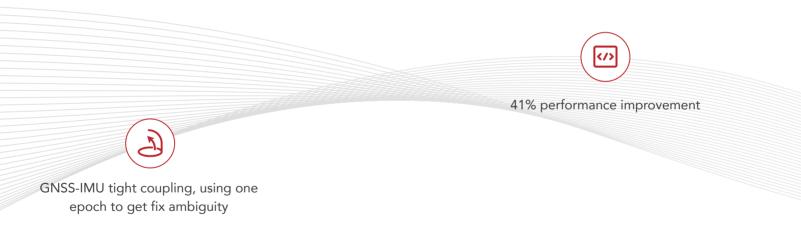
100% MORE EFFICIENT TO DO SURVEYING AND STAKING-OUT

- 1008 channels, full support of all GNSS constellations.
- Advanced Full Star technology, to maximize the use of all the satellite signals.
- 4D IMU.
- RTK keeping technology, maintain fixed positioning when real-time corrections are lost.



MEASURE ANYWHERE, WHEN YOU GET THERE

Double check technology, using mulit-frequencys to solve GNSS signal, smart select





RTK CAN BE MUCH EASIER



Cable free, Bluetooth radio, work without complex connections.



Cloud-based data management





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One click to all functions Userfriendly interface, make it easy to understand and use; Super menu, one click to access all functions. Staking-out from CAD basemap click to select the points to stake





Data sharing by bar code scanning



FACE-TO-FACE ASSISTANCE, AND UNLIMITED TRAINING REMOTE ONLINE SERVICE BY ONE CLICK, TO GET INSTANT SUPPORT.



SPECIFICATIONS

GNSS Performance	
Channels	1008
Satellites tracking	BDS: B11/B21/B31/B1C/B2a GPS: L1/L2/L5 GLONASS: L1/L2 Galileo: E1/E5a/E5b QZSS: L1/L2/L5
Positioning rate	Up to 10 Hz
Operation system	Linux
Initialization time	< 5 sec
Initialization reliability	> 99.9 %
Post-processing static	Horizontal: 2.5 mm + 0.5 ppm Vertical: 5 mm + 0.5 ppm
Real time kinematics (RTK)	Horizontal: 8 mm + 1 ppm Vertical: 15 mm + 1 ppm
IMU Sensor	
IMU	Supported
Accuracy	Less than 2.5 cm within 30°
Tilt angle	0°~60
Hardware	
Size (L x W x H)	121 mm × 121 mm × 74 mm
Weight	0.87 kg
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Button	Power button
Button Operating temperature	Power button -45°C~ +75°C
Operating temperature	-45°C~ +75°C
Operating temperature Storage temperature	-45°C~ +75°C -45°C~ +85°C
Operating temperature Storage temperature Water/Dust Proof	-45°C~ +75°C -45°C~ +85°C IP67
Operating temperature Storage temperature Water/Dust Proof Shock resistance grade	-45°C~ +75°C -45°C~ +85°C IP67 IK08
Operating temperature Storage temperature Water/Dust Proof Shock resistance grade Shock	-45°C~ +75°C -45°C~ +85°C IP67 IK08

Feature	
Intelligent voice	Data collector voice
Cloud service	Remote assistance, data sharing, etc.
Static Data Recording	
Format	RINEX
Data storage	8G internal memory
Electrical	
Battery capacity	Rechargeable and built-in Lithium-ion battery, 6,800 mAh
Working time	15 hours with Ntrip work mode
External power	USB Type-C power, powerbank supported
Communication	
Ports	1 x USB Type-C port (data download, firmware update) 1 x UHF antenna port (TNC female)
Bluetooth	Supported
Wi-Fi	Supported
Webpage configuration	Supported
NFC	Supported
UHF radio	Standard Internal Rx: 450 - 470 MHz Protocol: EFIX, Transparent, TT450 S

EFIX Geomatics Co., Ltd.

11[®] Floor, Building 1, No.158 Shuanglian Road, Qingpu District, Shanghai, 201702 China. +86 150 2100 7664 sales@efix-geo.com www.efix-geo.com



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