

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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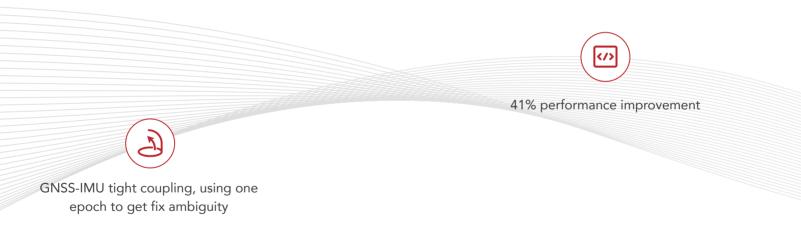
100% MORE EFFICIENT TO DO SURVEYING AND STAKING-OUT

- 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 |
| | 5 |
| 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 |

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