

**AR VISION  
STAKEOUT**

**4D AUTO-IMU**

**PALM-SIZE**

**FULL-STAR**



## BOOST STAKEOUT EFFICIENCY BY 50%

The Benchmark F6 is a compact, lightweight GNSS receiver designed to deliver top-tier precision and efficiency for professional surveyors. With its 1608-channel GNSS, Full-Star technology, and 4D AUTO-IMU, the F6 ensures continuous accuracy in any terrain.

The real-time AR vision stakeout feature simplifies complex staking tasks, boosting efficiency by 50%. Its lightweight 450g design, combined with IP68 durability, makes it ideal for fieldwork under extreme conditions. Whether it's for real-time RTK or challenging environments, the F6 provides surveyors with the tools to complete projects faster and more accurately than ever before.

### 450 G ONLY, 40% LIGHTER, 50% SMALLER

- ▶ Compact design for easy portability, perfect for challenging field conditions.
- ▶ Lightweight yet robust, surviving a 2-meter pole drop with IP68 and IK08 protection.

### 1608-CHANNEL GNSS, FULL-STAR TECH FOR FASTER RTK

- ▶ Tracks full constellations and frequency points for enhanced positioning.
- ▶ Full-Star technology optimizes signal acquisition, boosting RTK signal by 60%.

### 50% FASTER STAKING WITH REAL-TIME AR VISION STAKEOUT

- ▶ 2 MP camera with F2.4 aperture and 30 fps for intuitive AR vision stakeout with large arrows and real-time distance indication.
- ▶ Immersive and vividly displays stakeout points in eField software, boosting efficiency by 50%.

### INTEGRATED 4D AUTO-IMU FOR CONTINUOUS ACCURACY

- ▶ Tilt compensation up to 60° for continuous accuracy.
- ▶ Automatic initialization during motion eliminates manual setup.
- ▶ 200 Hz update rate ensures smooth, accurate measurements on the move.

### HIGH-CAPACITY LI-ION BATTERY FOR 17 HOURS OF ENDURANCE.

- ▶ Up to 17 hours of operation in UHF/4G RTK mode and 10 hours during vision stakeout.
- ▶ Fully charges in 4.5 hours via Type-C, supports power banks.

### eField: EMPOWER ENGINEERING & CONSTRUCTION FIELD WORK

- ▶ Map survey: Survey all terrain types with corresponding line styles.
- ▶ CAD editing: Modify CAD drawings in the field, saving time on back-office operations.
- ▶ CAD stakeout: Select and stake points and lines directly from CAD drawings.
- ▶ Earthwork volume calculation: 3D view with 99.98% accuracy.
- ▶ User-friendly interface: Quick onboarding for efficient use.