

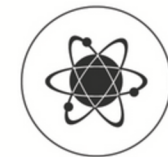
# BM850

## Compact GNSS System

The Benchmark BM850 is a compact and advanced GNSS receiver designed for precision surveying in various environments. Supporting multiple satellite constellations including GPS, GLONASS, BeiDou, Galileo, QZSS, and IRNSS this device ensures optimal accuracy and reliability for all surveying needs.

Featuring an integrated Inertial Measurement Unit (IMU) that compensates for pole tilt up to 60 degrees, the BM850 enhances surveying efficiency. It is powered by a robust 13400 mAh lithium battery for extended field use and includes a USB Type-C connection for quick recharging.

With a high-powered 2W radio for reliable long-distance data transmission, the S850 is ideal for remote and rugged applications.



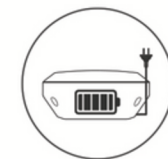
### MULTIPLE CONSTELLATIONS

GPS, GLONASS, BEIDOU, GALILEO, QZSS, IRNSS and PPP correction services (HAS and B2b).



### IMU TECHNOLOGY

The integrated IMU allows the receiver to automatically compensate for pole tilt up to 60 degrees, boosting surveying speed and efficiency.



### HIGH BATTERY CAPACITY AND USB TYPE-C

S850 is delivered with a large capacity lithium battery 13400 mAh.



### RADIO

The S850 GNSS receiver features a high-powered 2W radio that ensures reliable data transmission over long distances, making it an ideal choice for remote or rugged applications requiring robust wireless connectivity.



### RUGGED RTK

S850 is a durable and waterproof high-precision positioning solution designed for challenging outdoor environments.



## BM850

### Why Choose the BM850 GNSS Receiver?

The BM850 GNSS Receiver is the ideal choice for a variety of professionals and applications:



#### Cost-Conscious Professionals:

If you're looking for a high-performance GNSS solution that meets your specific needs without exceeding your budget, the BM850 offers exceptional value without compromising on quality.



#### Base Station Users:

For those who require a reliable base station, the BM850 ensures seamless radio connectivity to your rover, facilitating efficient data transmission and enhancing operational effectiveness.



#### Drone Integration:

The BM850 is designed for easy integration with drones, making it perfect for users who want to enhance their aerial surveying and mapping capabilities.



#### Construction Teams:

Built to withstand tough conditions, the BM850 is a durable GNSS system that maintains precise positioning accuracy, making it an excellent choice for construction teams operating in challenging environments.

