

MOTORCYCLE & EQUIPMENT TRACKER

BHW57P

Waterproof Tracker

LTE Cat M1 / NB2 waterproof GNSS tracker for motorcycles, ATVs, equipment and vehicles that may stand unused for long periods of time.


4G
IP67

Weight	137 g (4.8 oz)	Dimensions	84 × 50 × 26.6 mm (3.31" × 1.97" × 1.05")
Backup Battery	Li-Polymer 1400 mAh / 3.7V	Operating Temp	−30°C to +80°C (−22°F to +176°F)
Operating Voltage	8V – 32V DC	GNSS Accuracy	< 2 m (< 6.6 ft) CEP
Waterproof	IP67	SIM	Internal (contact Btracking)

KEY FEATURES

- ✓ LTE Cat M1 / NB2 connectivity with 2G fallback
- ✓ IP67 waterproof, rated for harsh environments
- ✓ Compact size for discreet mounting
- ✓ Covert installation on motorcycles & equipment
- ✓ Bluetooth LE 5.1 for accessory pairing
- ✓ Zero power draw from idle equipment
- ✓ Multiple digital I/O interfaces
- ✓ Ultra-low sleep mode consumption
- ✓ OTA control and remote configuration
- ✓ Scheduled reporting
- ✓ Configurable geo-fences
- ✓ External power monitoring
- ✓ Speed alarm
- ✓ SOS alarm
- ✓ Tow alarm
- ✓ Virtual ignition detection
- ✓ Driving behavior monitoring
- ✓ Up to 10,000-message buffer

APPLICATIONS

Motorcycle & ATV Tracking
Equipment Monitoring
Stolen Vehicle Recovery
Vehicles Standing Idle for Extended Periods
Covert Asset Tracking

BHW57P — Full Technical Specifications

STANDBY TIME

Test Conditions	LTE Cat M1, CSQ > 15, 25°C, open sky
5 min reporting	220 hours (9.2 days)
10 min reporting	255 hours (10.6 days)
1 report / day	200 days

NETWORK / OPERATING BAND

LTE Cat M1	B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B27/B28/B66/B85
LTE Cat NB2	B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B28/B66/B71/B85
GSM/EDGE	850 / 900 / 1800 / 1900 MHz

GNSS SPECIFICATIONS

Chipset	All-in-one GNSS receiver
Position CEP	< 2 m (< 6.6 ft) autonomous

PROTOCOL & CONTROL

Protocol	TCP, UDP, MQTT, SMS
OTA Control	Yes
Geo-fence	Yes — scheduled reports
Buffer	Up to 10,000 messages
Zero Power	No draw from idle equipment

INTERFACES

Digital Input	1× positive trigger (ignition detection)
Digital Input	1× negative trigger input
Digital Output	1× open drain, 150 mA max
Cellular Ant.	Internal only
GNSS Antenna	Internal only
BLE Antenna	Internal only
LED Indicators	CEL, GNSS
Micro USB	Upgrading and debugging
BLE 5.1	Yes

ALERTS & MONITORING

Ext. Power	External power monitoring
Speed Alarm	Yes
SOS Alarm	Yes
Tow Alarm	Yes
Virtual Ign.	Virtual ignition detection
Driving	Behavior monitoring

CERTIFICATIONS

CE

FCC