

# ST868WP

## IP65 WATERPROOF TRACKER



- \* **High sensitivity GNSS navigation**
- \* **Quad band GSM**
- \* **SMS, GPRS, TCP/IP, UDP**
- \* **Customizable behavior**
- \* **Bluetooth 4.0**
- \* **Motorcycle, boat security and recovery**
- \* **3D G sensor for crushing and towing alarm**
- \* **Drivers behaviors logs**
- \* **Geofencing**
- \* **Remote firmware update**
- \* **Internal antennas**
- \* **1000mAh back-up battery (Optional)**



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ST868WP\_FN\_V1.1



### TECHNICAL SPECIFICATIONS

#### GSM CORE

SIM868 Quad Module  
850/900/1800/1900MHz  
GPRS Class 10  
TCP-IP or UDP

#### GNSS

SIM868 66 Channel GNSS receiver  
Protocols: NMEA, PMTK  
Support: AGPS, SBAS, EASY, EPD, DGPS  
Position Accuracy: 2.5m CEP  
TTFF hot start: < 1 s  
TTFF cold start: 22 s  
Tracking sensitivity: -166dBm

#### PROCESSOR

ARM9  
Memory: 1Mb RAM, 1Mb Flash

#### ELECTRICAL CHARACTERISTICS

Power: +9V to +36VDC

#### MOTION SENSOR

3 axis motion sensor

#### INTERFACES

4x I/O  
2x DO, 2 x DI  
RS232  
BT4.0  
SIM card reader

#### TEMPERATURE RANGE

Operating: -20°C to +60°C

#### PHYSICAL CHARACTERISTICS

Dimensions (LxWxH): 80 x 50 x 25mm  
Weight: 110g (W/O Battery)

#### ACCESSORIES

RFID Reader  
Canbus interface  
Panic button  
Immobilizer

Specifications are subject to change without notice