sTag GNSS

sTag GNSS is used to monitor the real-time position and status of assets and provide alarms for irregular location and status, such as over speeding, vibration, tampering, dwelling, etc.

The device integrates GNSS, LTE, Wi-Fi, LBS Multi-positioning technology, also supporting Bluetooth for indoor positioning. It grants stable connection and flexible configuration and can be also used as a BLE gateway.

sTag GNSS is easy to install, can be magnetic mounted, or screw mounted. The IP68 dustproof and waterproof rating is suitable for harsh outdoor environments. Battery life is up to 10 years in standby mode.

Features	
Power Supply - battery	Lithium Ion 7800 mAh
Embedded Sensors	**Motion Sensor** Gravity Measurement Range: ±2g/±4g/±8g/±16gODR Bandwidths: 1Hz - 400Hz **Light Sensor** Measuring Range: 1 - 1000 levels Spectral Peak: 540 nm
Communication	LTE CAT.1/CAT.M/, NBIOT and GSM/GPRS/EDGE Bluetooth 5.0 Wi-Fi 2.4G
GNSS	**Horizontal Position Accuracy**: Autonomous < 2.5m CEP **Velocity Accuracy**: Without Aid < 0.1m/s **Acceleration Accuracy**: Without Aid < 0.1m/s^2 **Reacquisition Time**: TTFF @-130dBm: Cold Start: < 35s Warm Start: < 30s Hot Start: < 1s
Antenna	Cellular: Integrated GNSS: internal, GPS/GLONASS/BeiDou
(U)SIM Interface	Nano SIM card
Data encryption	TEA, AES or RSA
LED	x 3, Power Light, Network Light, GNSS Light
Operating Temperature	-20˚C to +70˚
Protection	IP68
Size and Weight	138mm x 72mm x 22mm; 190gr

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