

ASSET-SMART AST3R (a, c)

GPS Tracking solution for non-powered equipment Ultra low power consumption



Industry Best Software Suit

Designed and Manufactured in India

 Ultra-Low Power, Wire Free WiFi Enabled (Optional)	 Remote Battery Level Indicator	 Device Removal & Tampering Alerts	 OTA (Firmware & Configuration)	 2G M2M SIM
 Customized battery options a-2600mAh/ c-5200mAh	 1. 3000-6000 updates with Single charge 2. Battery can run for 15-25 months with Single charge	 Bluetooth 3.0 with internal Antenna	 Intelligent & Adaptive Power Management	 Web based as well as mobileApp support
 Theft detection based on Programmable vibration thresholds using 3-axis accelerometer	 Programmable different update rates while in motion & when stationary.	 Location update in GPS mode as well as GSM mode where GPS signal is unavailable.	 Large Internal Data Storage for temporary Network outages	 Auto disconnect above threshold temperature of battery

Dimensions

- 80 mm x 60 mm x 35 mm

Weight

- AST3Ra -130gms, AST3Rc-175gms

Bluetooth Specification

- Bluetooth 3.0 with internal antenna
- Auto-pairing with user app

GPRS/GSM Specification

- Quad-band 850/900/1800/1900MHz
- GPRS multi-slot class 12/10
- GPRS mobile station class B
- Class 4 (2 W @ 850/900MHz)

Certification - Compliance:

GSM-GPS: CE certified

PCB and components: RoHS

GPS Specifications

- GPS L1 1575.42MHz
- Horizontal Position Accuracy < 2.5 m CEP
- NMEA-0183
- Tracking Sensitivity: -167 dBm

Electrical / Environmental Specification

- 3.7v 2600/5200mAh Long life Lithium internal rechargeable battery
- Charging time-4 hours
- Charger – 5v 1A Micro-USB charger
- Operating Temperature: -10 deg C - +60 deg C
- Water proof and dust proof