



# Atlas 6

## Asset GPS Tracker

**3G** WCDMA & GSM  
3G network for outstanding coverage

**10000mAh rechargeable battery**  
High capacity Li-ion rechargeable battery ensuring sufficient power supply

**Voice monitoring**  
Listen to the surroundings by sending SMS command

**Strong magnet**  
Strong magnetic cover allowing for flexible mounting on vehicles or assets

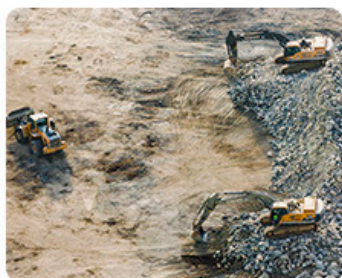
**Tamper alert**  
Be notified of any removal from original installation

**Cover dismantlement alarm**  
Alerts triggered if SIM changed or device tuned on/off illegally

**Intelligent power management**  
3G communication module can be disabled for better power saving

**IP65 dust and waterproof**  
Water-resistant case to ensure stable operation in tough environment

### Applications



Mining



Construction



Trailers

## WCMA/GSM Specification

Communication system	WCDMA/GSM
Frequency	GSM: 850/900/1800/1900MHz WCDMA: 850/900/1900/2100MHz (B1/B2/B5/B8)
GPRS	Class 12, TCP/IP
Memory	32 + 32 Mb
Phase error	RMSPE<5, PPE<20
Max output	GSM850/GSM900:33dBm GSM1800/GSM1900:30dBm WCDMA:24dBm
Max frequency error	±0.1ppm
Receive sensitivity	GSM<-106dBm, WCDMA<-102dBm

## GPS Specification

GPS chip	U-blox 7020c
Frequency	GPS L1, 1575.42MHz
Channel	66
Location accuracy	<10 meters
Tracking sensitivity	-162dBm
Acquisition sensitivity	-149dBm
TTF (open sky)	Avg. hot start ≤ 1sec; Avg. cold start ≤ 45sec

## Others

Switch	1 for power control
Button	1 for power on/off; 1 for cover remove alarm; 1 for tamper/disassemble alarm
GPS antenna	GPS ceramic antenna
LED indicator	1 red LED for GSM; 4 blue LEDs for battery
Standby	2 years( GSM off, one position per day); 50 days (GPRS always connected, GPS sleep); 120 hours (GPS always on)
Operating temperature	-20°C ~+70 °C
Battery	10000mAh/3.7V lithium polymer battery
Dimension	108.5*61*30mm
Weight	286g