

Trackplot

SMARTONE MODEM SATELLITE MANAGED ASSET TRACKER

MAPPING MOBILE ASSETS

Smartone is designed to manage both powered and non-powered fixed and movable assets and can help you to improve operating efficiency and security of your valuable equipment. The device can be used to sense the status of the ignition and other equipment, or determine if a door is open or closed.

The key features of the SmartOne are as follows:

- Transmits user definable location and status of assets
- Up to 12 user configurable sleep-time of wake setting to conserve battery power
- Alarm on movement detection
- Alarm when asset moves outside user defined geofence
- Report battery state, motion, 2 x on/off inputs and accumulated count
- Up to 3+ years of battery life using internal batteries



ASSET/VEHICLE TRACKING



SATELLITE TRANSMISSION
OF MESSAGES



MOTION & SENSOR ALERT



Photo by Mateusz Stachowski



SMARTONE MODEM

MODEL NUMBER	SMARTONE IP68
CHARACTERISTICS Dimensions [L x W x H] Housing Weight	165 x 85 x 26 mm Polycarbonate < 200g
CONNECTORS	USB configuration cable External Input cable (2 x I/O, Ground) internal vibration sensor
LED INDICATORS	None
GPS	7m position accuracy on the WGS84 Datum Position is converted to UK Ordnance Survey coordinates in the trackplot server to enable it to be displayed against OS 1:50,000 mapping GPS position will send at user definable intervals to the trackplot server
COMMUNICATIONS	Uses the LEO satellites to relay messages to a ground station Simplex modem using 1610-1620 MHz L-band frequency several LEO satellites are visible at any one time improving message delivery
MESSAGES	Wake, GPS position, Sleep, Motion Sensing, I/O Sensors, Diagnostic, Low battery Up to 12 programmable position reporting settings Reporting schedule triggered by Alarm, Motion & Distance moved Reduced messaging if asset remains in same location each message is sent 3 times to ensure it is received
ENVIRONMENT Operating IP Rating MIL	-30°C to 60°C IP67, IP68, IP69K (withstand high pressure and steam cleaning washdown) MIL-STD-810F, MIL-STD-810E
POWER	4 x Lithium AA batteries, provides upto 3+ years of battery life (depending on transmission schedule)
CERTIFICATIONS FCC Industry Canada CE Mark RoHS Compliant	Parts 15 & 25 Yes Yes Yes NEMA 4X / IP68, SAE J1455 Intrinsic Safety (UL Class1, Division 1 Groups A-D) for US and Canada ATEX