

Hire Station BlackBOX



Portable (No Wires, No Aerials) Tracker/Monitor

The answer to your tracking or monitoring issues this totally portable long life unit can be hidden just about anywhere on your or our equipment. Short or medium term hire when a full installation is not appropriate or there is no access to a battery for a conventional tracker.

- Self monitoring on your own PC
- Hire Station monitoring from our systems

CODE	ITEM	MIN HIRE PERIOD
310085	HS BlackBOX	20.00 per week

CODE	ITEM	MIN HIRE PERIOD
310086	Monitoring	30.00 per week

The HS BlackBOX is a equipment tracking unit which logs continually the position of the equipment using high sensitivity GPS receivers and quad band GSM / GPRS technology to convey data to the data collection web site.

The design has been approved by the certification Agency (VCA) and EMC / FCC / UL. The HS BlackBOX is easy to install. An integral GSM and GPS antenna allows this product to be installed very quickly into the tracking environment.

Other additions to the HS BlackBOX is the on board tri-axial acceleration sensor allowing measurement of acceleration in perpendicular axes which could aid measurements in tilt, motion, shock or even vibration (this is normally factory set to the operating mode requirements daily).



Hire Station HS BlackBOX Data Sheet

Monitoring for Location & Movement

- PLANT
- DRYING EQUIPMENT
(at various locations constantly moving address)
- BOX TRAILERS - LORRY TRAILERS
(Requiring Tracking)
- SPECIALIST EQUIPMENT
(Which needs to be Tracked)
- IMPORTANT PARCELS
(That need to be Located & Monitored)
- PEOPLE
(Location & Movement)
- VEHICLES
- EQUIPMENT
(Where Location & Movement are important)

General Features:

- Equipment Tracking - World. (GPRS)
- 64 Configurable Geo-fence zones
- Low Power Operation
- Integral battery
- RoHS compliant
- IP 67
- Covert Operation - no wires
- 'e' mark approved
- Network Cell ID when No GPS
- FTP Remote Upgrade
- 3 Dimensional G force monitoring

Functional Specifications:

- HS BlackBOX will log start-up/shutdown events when ignition is turned ON/OFF.
- HS BlackBOX will log Moving events every 1 minute before sending information via GPRS to the DCS every 5 minutes.
- HS BlackBOX when in sleep mode sends information via GPRS to the DCS once every 24hrs.
- HS BlackBOX in Tracking Mode will generate a Motion Detected if any activity of movement is picked up from the tri-axial accelerometer (equipment being lifted, accidentally driven into, towed away etc). Any alarms forwarding to mobile numbers or by emails are done via the DCS.
- HS BlackBOX can be programmed with Geofence locations by Hire Station with detection In/Out of zone time of 1 minute. An event showing Entry/Exit of Geofence will be sent to the DCS via GPRS. Any alarms forwarding to mobile numbers or by emails are done via the DCS.
- HS BlackBOX can be contacted by the user using the SPOTON software which will send an SMS to the HS BlackBOX to update its current status.



Portable Tracker/Monitor

