



Standalone mobile security, alarm and control system

This mobile device has been specially designed for any types of boats and it keeps under control 10 main boat parameters, manage a few devices and communicate in real time with three mobile phones. The “Boat Keeper” provides security, alarm and management through the 3G network – this means it has fantastic coverage around New Zealand and up to 120kms offshore.

FEATURES

- Controls up to 10 main boat parameters:
 - entrance door, two water levels, two batteries, shore power
 - temperature, humidity, Geo location, emergency button.
- Makes an appropriated action for each event.
- Alarm actions to each event have varied repeat time gap.
- Report/Alarm message included all controlled parameters.
- Change settings for all events and appropriate actions.
- Time settings from 1 second to 45 days.
- GPS location by SMS request or local emergency button.
- All GPS messages included link to Google Maps.
- Set Geofence from 10 to 225 meters by SMS message.
- Speed & direction included in GPS report, if boat is moving.
- Arm or Disarm of the system via free short call.
- Arm/Disarm/Disable the system via SMS messages.
- Remote voice listening. Auto answer then user dialing.
- Device communicates with registered numbers only.
- Remote setup via SMS messages.
- Extra one power outlet with timer managed by SMS.
- Free smart phone configuration software.
- Stay alone device, no annual or registration fees.
- Expenses based on customer activities, can be up to NZ\$20 a year. (SMS messages and free short calls)
- Internet version with control panel on a web server will be launched over the next few months.



SPECIFICATION

- * Device can be powered by DC source from 5.5 to 26 volts.
- * At 12 volts the maximum current can reach up to 100ma
- * Each output (Load1, Load2 & Outlet) provides 6A current and up to 10A at start.
- * All outputs grounded in active mode.
- * All external connectors have ESD protection.
- * Dual-Band UMTS/HSPA900/2100MHz.
- * Dual-Band GSM/GPRS/EDGE 900/1800MHz.
- * 22 tracking/66 acquisition channel GPS receiver.
- * Voltage accuracy measurement – $\pm 0.1v$.
- * Temperature accuracy tolerance – $\pm 0.3^{\circ}C$.
- * Humidity accuracy tolerance $\pm 2.0\%RH$.
- * Main box measures 150mm x 85mm x 37mm.
- * Low power consumption, five power modes.
- * No fire-hazardous components.
- * Two years factory warranty.

