NEPTUNE
GSM CONTROLLER

6 INPUT 2 OUTPUT GSM CONTROLLER
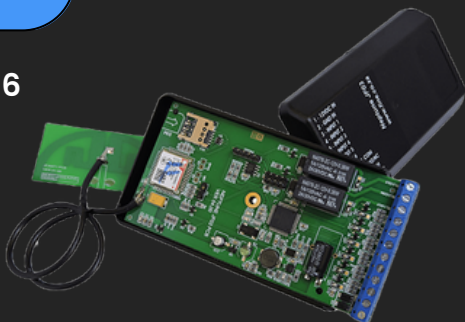
- **DROP CALL RELAY OPTION**
- **SMS UP TO 6 NUMBERS**
- **PROGRAMMABLE**
- **6 INPUT 2 OUTPUT**

Our Neptune unit has 6 x 12V inputs that can be used for anything, from measuring temperature and water levels to sensing alarm signals and sending SMSes. It has 2 x 12V 2A relay outputs that can switch on chargers, motors or even larger relays for larger machinery use. It can store up to 400 drop-call numbers for relay one activation and can SMS up to 7 numbers including a GPRS number for control rooms. It is powered by 12V and/or any standard 12V battery. All messages are programmable.

FEATURES:

- 6 digital inputs and 2 relay outputs
- Can send SMS to up to 6 numbers
- Can communicate via GPRS or SMS to base control room number
- Each input can send two messages (one for high, one for low)
- Inputs can be configured as normally high or normally low
- Each input can have debounce time from 1 to 9999 seconds
- Each input can have retrigger delay from 1 to 9999 seconds
- Inputs can be flagged to send to specific numbers
- Each output can be programmed to switch on/off or pulse at various times of day
- Relay output pulse time can be set
- All functions can be controlled by SMS and timers
- 10 to 16 VDC low current operation
- Drop call relay operation from up to 400 numbers
- Daily drop call log available via GPRS
- Google Earth Map position request available

MORE ABOUT

The Neptune can operate with pre-paid or contract SIM cards. If used with a pre-paid SIM card, it will send a daily SMS with the remaining balance, or the frequency can be set to anywhere from 1 to 30 days. If a contract SIM card is used, the Neptune will send a health test SMS, which can also be set to occur every 1 to 30 days.

Device features:

Input handling: 0-30 VDC range
Low and High: < 1 VDC and > 3 VDC, respectively
Debounce and Retrigger delay options

Outputs:

Two relay or transistor outputs
Messages and timers programmable for each output

Dial-in drop call function:

Activates relay one to pulse when recognized numbers call the Neptune
Store and log drop call numbers and their times for record-keeping purposes.