

Array SMS Unit

- Set password using GSM software
- Set Center and phone code
- Phone code = number to which the message will be sent to when SMS is sent.
- Center code is the number of the sim card supplier. Some examples are below.
- 64220227672 = 2 Degrees
- 64277439010 = Telecom
- 61415011501 = Vodapone
- 61418706700 = Telstra
- 2 modes of operation
- Mode Switch is under the cover on RHS, just above inputs
- Mode 0 green light beside mode is off. Stand alone mode.
Indicator lights -
Red light shows if mobile signal is present (fast = no signal / slow = is present)
Green light is comms with PLC (fast = no / slow = is)
- Mode 1 green light beside mode switch is on.
Indicator lights -
Red light shows if mobile signal present (Off = not present / On = is present)
Green light is comms with PLC (fast = no / slow = is)

Mode 0

- Can be used without PLC in this mode
- A message (I1on) is texted to the number (phone code) when Input 1 goes from 0 to 1. If input 0 goes from 0 to 1 output Q0 is closed for as long as the input remains at 1.
- Delay on / off times can be set via GSMModule.
- This can be used as an alarm alert.

Mode 0

- When texted *password*w11* output 1 will turn on and return a text “ON”
- w = write
- r = read
- 01: Input I1
- 10: Output Q0
- 11: Output Q1
- *xxxxxxx*R00* Read I0; Returned message: 0 or 1
- *xxxxxxx*R01* Read I1; Returned message: 0 or 1
- *xxxxxxx*R10* Read Q0; Returned message: 0 or 1
- *xxxxxxx*R R10* Read Q1; Returned message: 0 or 1
- *xxxxxxx*W11* Set Q1 to 1; If it is set successfully, the returned

- message will be OK;
- *xxxxxxx*W10* Set Q1 to 0; If it is set successfully, the returned message will be OK;
 - Change password as send receive mode does not work
 - When SMS works in mode 0. Input signal SI1 has message alarming function. When the input is high, the message is sent, the message "IION" will be sent to the target number. The input and output state can be queried and SQ1 can be set by sending the mobile phone instruction. Input signal SIO controls the output SQ0 directly. The SQ0 delay ON OFF time can be set by GSMMODULE software.
 - When SMS works in mode 1 the short message can be sent and received by GSMMODULE software

mode 0 + to input 0 output 0 closes

- to input 1 text to phone number IION
mode 1
- tried mode 0 and gsm send receive no go
- tried mode 1 stand alone no go
- mode 0 set and reset output 1 with *password*w11 or w10*
- mode 1 sent *1234*w11* response
- gsm software send and receive mode1