

August 2015

# ZigSense Newsletter

## ZS3G-SMS-2-4-8



## ZS3G-SMS-Counter



## ZS3G-SMS-LEVEL



## SMS I/O controllers

ZS3G-SMS I/O controllers are now available in three models:

- ZS3G-SMS-2: 2 x Digital Inputs + 2 x Digital Outputs
- ZS3G-SMS-4: 4 x Digital Inputs + 4 x Digital Outputs
- ZS3G-SMS-8: 8 x Digital Inputs + 4 x Digital Outputs

Each 3G controller is supplied with a 3G antenna. A standard 3G SIM card and 12V-24V power supply are required. No software is used for setup, just a standard cellular phone. An iOS APP is available free of charge.

A ZS3G-SMS I/O controller will respond only to commands sent by authorized users and return confirmation SMS messages.

The controller will send a 'heart beat' SMS message on pre-defined time as set by the user.

## SMS P2P functionality

ZS3G-P2P models will soon support the following new functionalities:

- **ZS3G-SMS-Counter** is a remote pulse counter that reports flow data over 3G cellular network. **Input#1** can be used to count pulses such as water meters flow or litters whilst **Input#2** can be used to control the counting activities. Pulse frequency is 100Hz and the user can set the node to report its pulse counting totaliser every: Minutes, Hours or Days. The counter can remotely RESET by issuing SMS command by authorized users
- **ZS3G-SMS-Tank Level** is a remote tank level node reporting tank and silo levels over a 3G cellular network. Input#1 supports external sensors generating 0-20mA or 0-10VDC signals.

## ZigCloud



**ZigCloud** is our data monitoring service. Users of our Cloud Controllers are provided with an online secured web based data logging, GUI widgets, Alarms and reporting facilities. Each Cloud Controller can be expanded up-to 40 I/Os.

## ZS3G-SMS-P2P

**ZS3G-SMS-P2P** is a special case of SMS-2 I/O controllers.

By installing two SMS-2 nodes each with its own SIM card it is now possible to transmit ON/OFF commands or receive remote pump and motor RUN/STOP logical conditions over great distances where no line of sight is available.



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