

# S410 SMS Alert Gateway

## OVERVIEW

**Allegro SMS Alert wireless communication solution to monitor and control the remote equipment from anywhere, anytime when faults and alarms activated.**

This standalone device is housed in small robust enclosure . It has built-in internal 3 hours backup battery to keep it running when AC source fails.

The industrial Automation is moving quickly into wireless remote monitoring and control. Implementing wireless solution thus saving the laying of expense massive cable networks.



**A L L E G R O**

## BENEFITS

- Easy to install and maintenance
- Simple to use and minimum administrative effort
- Can be deployed world-wide under GSM/3G/4G coverage
- Standalone with 3hours internal backup battery
- 24 x 7 in operation
- No need any external application software

## FEATURES

- Housed in small robust enclosure
- 4 protected universal digital inputs, dry contact
- 4 relay drivable outputs (12V-24V)
- Built-in internal 3 hours backup battery
- User pre-define SMS alarm/recover message
- Time/Date stamping on all alarms
- Remote add/edit/delete of phone numbers
- Remote query of gateway, signal strength, input & output status
- Remote control of Digital outputs
- Interconnect to monitoring centre (optional)

# Approved by IMDA Singapore. DA107276

**ALLEGRO ELECTRONICS**

E-mail: [sales@allegro.com.sg](mailto:sales@allegro.com.sg)

Website: [www.allegro.com.sg](http://www.allegro.com.sg)

# SMS Alert Gateway

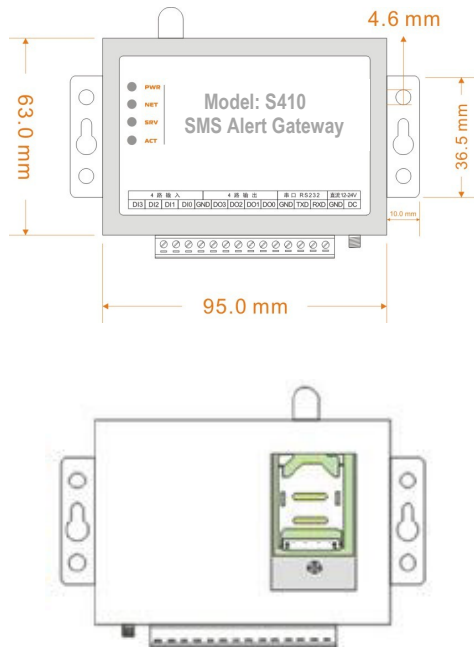
## APPLICATIONS

### APPLICATIONS

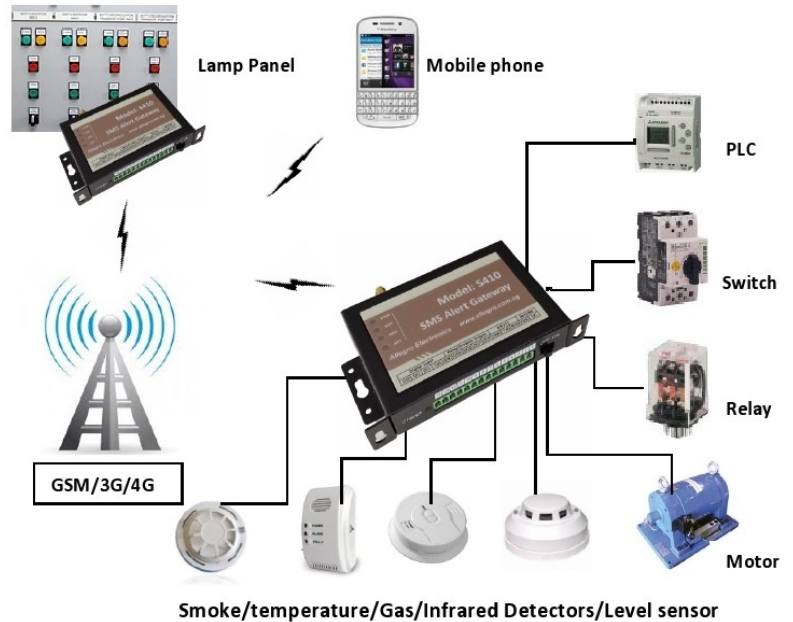
- Data Centre-UPS, Air-con, security & Fire Alarm
- Waste water plant-Pump, Gen set, HT/LT, Water level
- Energy & power management-Over/Under voltage, Power trip
- Manufacturing process-PLC fail, Pressure valve, storage tank, temperature, sensor
- Also other applications like Facility Maintenance, HVAC, Weather station, River monitoring & Flood Control



## MODEL: S410



## SMS ALERT GATEWAY SOLUTION



## SPECIFICATIONS

PRODUCT	Model: S410
DC Power supply	12-24V DC (Standard adaptor 12VDC/1.5A)
Power consumption	12V input Max. 150mA/Average 50mA
Frequency range	900 / 1800 / 1900 / 2100 / 2600 MHz
SIM Card	Support 3V & 1.8V SIM Card
Antenna	50 Ohm SMA Antenna interface
Communication Interface	RS232C
Working temperature	0 ~ +60 deg C
Working humidity	Relative humidity 95%
Digital Input	4 Digital inputs (dry contact)
Digital Output	4 Drivable relay outputs (open-collector outputs)
Output drive voltage	Equal to input DC voltage
Output drive power	Drive voltage <35V, drive current <500mA
Exterior dimensions	95 x 63 x 25mm
Weight	256g

## ALLEGRO ELECTRONICS

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