

S412 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.

MODEL: S412



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
- 12 protected universal digital inputs, dry contact
- 4 relay drivable digital outputs (12V-24V)
- 4 Analog Inputs (4-20mA, 0-5V)
- 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

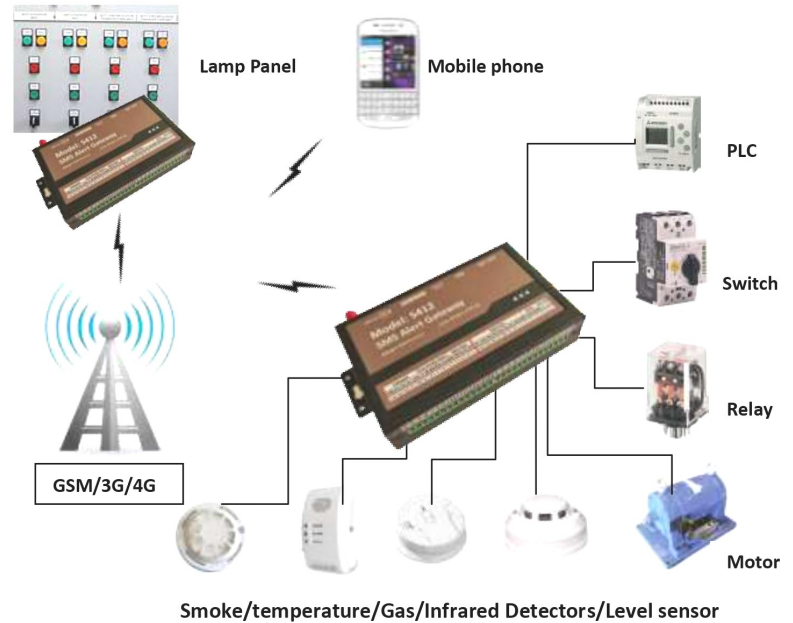
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SMS Alert Gateway

SMS ALERT GATEWAY SOLUTION



SPECIFICATIONS

PRODUCT	Model: S412
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	Mini USB / RS232C
Working temperature	0 ~ +60 deg C
Working humidity	Relative humidity 95%
Digital Input	12 Digital inputs (dry contact)
Analog Input	4 Analog Inputs (4-20mA, 0-5V)
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	130 x 80 x 25mm
Weight	370g

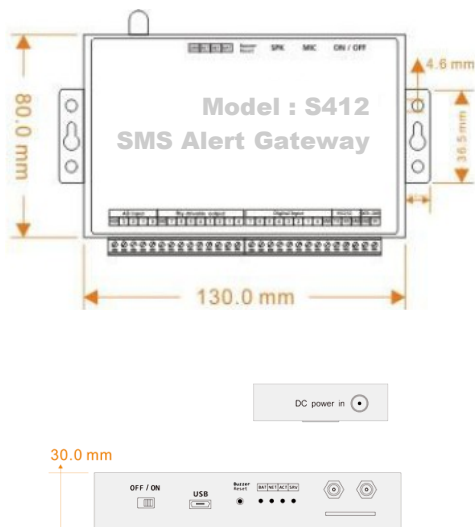
APPLICATIONS

- 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, Lift controller, Weather station, River monitoring & Flood control

APPLICATIONS



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