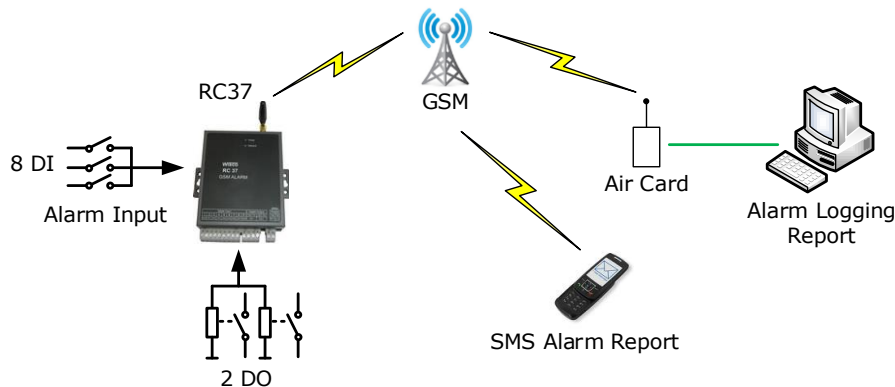


# GSM ALARM RC37



- 8 Alarm Digital inputs
- Programmable SMS Message
- Buffer 32 Alarm (Network Fail 15 Minute)
- 2 Digital Output Controlled by SMS
- Built-in 3G Modem (UMTS/HSDPA)

**GSM Alarm RC37** When the digital input change status RC37 will send SMS. The message of SMS and tel. number can be programmed by software. We can send SMS to control internal relays of RC37



DateTime	Sender	Message
13/1/2553 17:56:51	66896252145	Rayong Plant : Tank B High Temp
13/1/2553 15:05:25	66891542156	Bangkok Plant : Tank B Low Alarm
12/1/2553 8:14:37	66894258474	Saraburi Plant : Power Up
11/1/2553 10:44:45	66894258474	Saraburi Plant : Power Fall
11/1/2553 22:30:55	66895845845	Rayong Plant : Tank A High Alarm

Example of SMS Report

## Specifications

### Cellular Interface

#### Frequency Bands:

FDD LTE: 800/850/900/1800/2100/2600 MHz

TDD LTE: 2300/2500/2600 MHz

WCDMA: 850/900/2100 MHz

GSM: 900/1800 MHz

**LTE Version:** 3GPP E-UTRA Release 10

#### Data Transfer (Max.):

FDD LTE: 150 Mbps (DL), 50 Mbps (UL)

TDD LTE: 130 Mbps (DL), 35 Mbps (UL)

DC-HSPA+: 42 Mbps (DL), 5.76 Mbps (UL)

UMTS: 384 Kbps (DL), 384 Kbps (UL)

TD-SCDMA: 4.2 Mbps (DL), 2.2 Mbps (UL)

EDGE: 236.8 Kbps (DL), 236.8 Kbps (UL)

GPRS: 85.6 Kbps (DL), 85.6 Kbps (UL)

#### Output power:

FDD LTE 1800: 3.21 W

TDD LTE 2600: 1.7 W

WCDMA 850: 2.69 W

GPRS 900: 2.1 W

EDGE 900: 1.66 W

### USB Interface

**Compliance:** USB 1.1/2.0

**Connector:** USB Type B

**Speed:** 12 Mbps (Full-Speed USB)

**Class:** CDC

**Operating System:** Windows 98/SE, ME, NT, 2000, XP, Vista, 7, 8, 10 (32 and 64 Bit)

### Ordering Information Specify Power Supply

Example RC37/220VAC

### Package Checklist

1. RC37
2. Antenna
3. USB Cable
4. Manual
5. CD Software

### Digital Input

**Number of channel:** 8 Channels

**Sensor Type:** Dry Contact

**Dry Contact:**

ON : Short to GND

OFF : Open

### Relay Output

**Number of Channel:** 2 Channels

**Relay Type:** N.O.

**Contact Rating:**

6 A @ 250 VAC

6 A @ 30 VDC

### Power Requirements

**Power Supply:** 110 VAC, 220 VAC

12 VDC, 24 VDC (Optional)

**Consumption:** 110 mA @ 24 VDC (2.7 VA)

### Environmental Limits

**Operating Temperature:** 0 to 55 °C

**Operating Humidity:** 5 to 95% RH

**Storage Temperature:** 0 to 70 °C

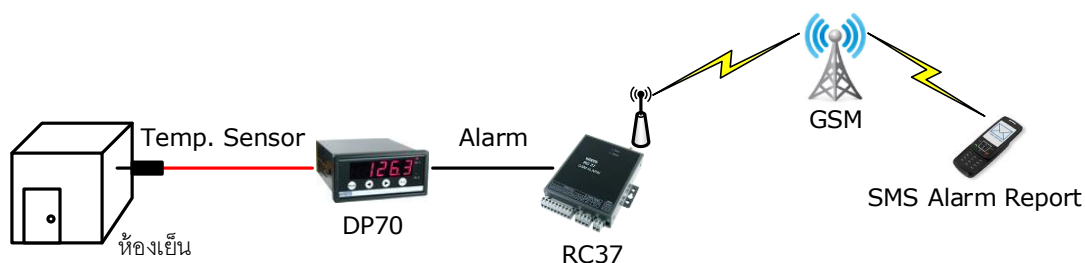
### Physical Characteristics

**Dimension:** W122 x H30 x D120 mm.

**Mounting:** Screw

### Warranty

**Warranty Period:** 5 Year



Examples of cold room alarm applications