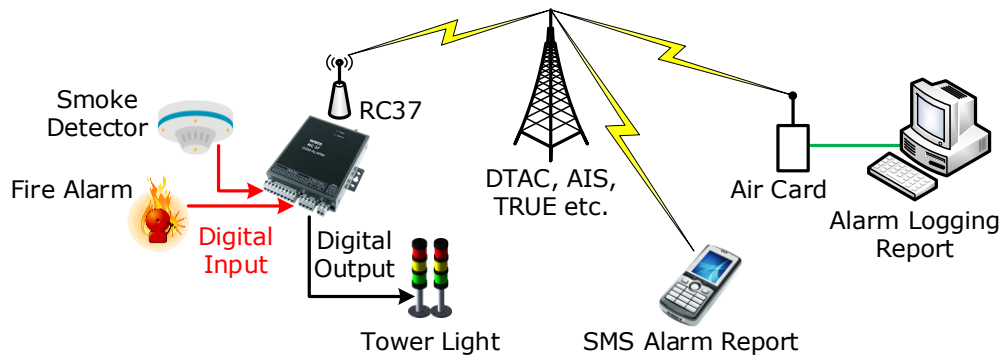


GSM ALARM RC37



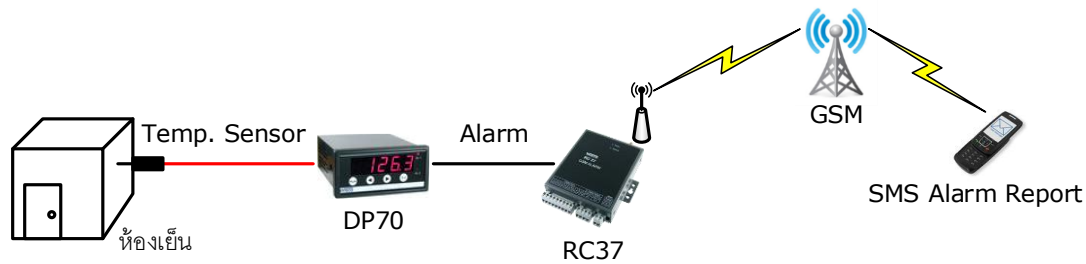
- 8 Alarm Digital inputs
- Programmable SMS Message
- Buffer 32 Alarm (Network Fail 15 Minute)
- 2 Digital Output Controlled by SMS
- Built-in 3G Modem (UMTS/HSDPA)

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



Examples of cold room alarm applications

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

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: 12 to 35 VDC

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