

# Monitoring & Controlling Device by SMS

# WT-9001

## *GSM Remote Monitoring And Remote Control System*



WT-9001 is a versatile SMS alert device suited for most monitoring needs. It is a device which able to sends information / status of a system to multiple users (mobile phone/software/server/capital) by SMS.

- ✓ AC Power tripped / motor tripped
- ✓ Door opened / closed
- ✓ Temperature control alarm
- ✓ Security alarm system / fire alarm
- ✓ Heater / Cooler
- ✓ Fish pond / aquarium
- ✓ Industrial & Home security monitoring

### Control relay output by SMS

- ✓ Reset system / device (e.g. PC, Modem)
- ✓ Reset ELCB / MCB
- ✓ ON / OFF anything (e.g. Light, pump, air conditioner)

## **GSM REMOTE MONITOR And Remote Control System**

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# WT-9001 - GSM Remote Monitoring, Control & Alarm System

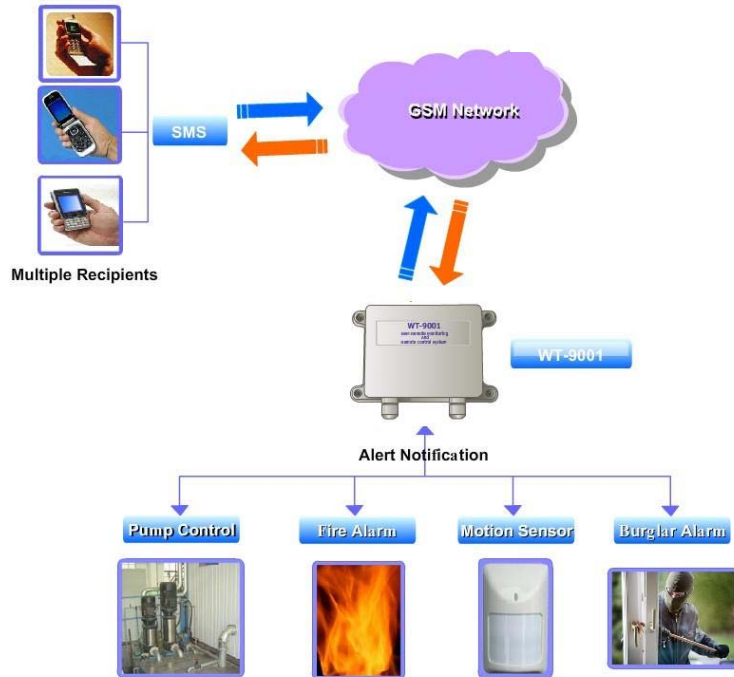
**WT-9001 helps in remotely monitoring any devices / equipment status, saving manpower, time and cost.**

## MONITORING

When WT-9001 detects triggered / activation of sensors it will automatically send out SMS to the designated mobile phone numbers.

## CONTROLLING

WT-9001 is able to receive SMS instruction from a mobile phone to turn ON/OFF or reset devices. Just type an SMS command and send to the SIM Card number in WT-9001. It is so easy and convenient; everything is at your finger tips.



## FEATURES

- Monitoring through SMS mobile phone
- Four programmable set points can be programmed for each analog input.
- Alert notification via SMS (up to 20 administrator / SIM Card No)
- Simple SMS text command
- Power failure detection
- Backup Lithium rechargeable battery
- Password protection
- DC Opto-isolated input – when input is connected to 12V / 24V or 0V, WT-9001 will send out SMS alert

## REAL-TIME

WT-9001 provides detailed alarm messages, secure alarm acceptance, full alarm reporting and even remote process control. This allows user to rectify problems directly via their mobile phone within seconds of alarm occurring.

## INTELLIGENT

We design and provide complete wireless solution including hardware and software communication platforms, user-friendly interface and a variety of special sensors.

## TECHNICAL SPECIFICATION:

### GSM Unit

- GSM 900 Mhz (2 Watts) Class 4
- GSM 1800 Mhz (1 Watts) Class 1

### Current Consumption

- Mode at EGSM 900/1800 – 10mA/10mA

### Input

- 8 Active high or Active low digital input
- 4 Analog input 4-20mA/ 0-5VDC

### Output

- 8 Relay Output - 1A/250 ACV, 1A/48 DCV

### Operating Temperature

- 0°C to +55°C

### Backup Battery

- 12V Lithium Ion

### Electrical Characteristic

- Operating Voltage 15VDC, 2W

### I/O Interface

- 3.8mm pitch pluggable screw terminal block

### Display

- Dot-Matrix LCD with back light, 16 characters x 2 line

### Weight

- 1.5 KG

### Enclosure

- IP65 Casing

## APPLICATIONS:

- Shop owner - Security Alarm
- Livestock industry - Power Trip
- Security company - CCTV
- Transportation industry - Door Open
- Communication industry - System Failure
- Residence area - Security Alarm
- Contractor - System Failure / Trip
- Farming industry - Pump Control
- Personal property - House Security Alarm
- Municipality Council - Street & Traffic Light
- Advertising - Display board

e.g. SMS Command:

e.g. SMS Received:

Output functionality – e.g. Send to SIM Card No.  
ON relay 1 for 10 minutes

\*RLY1#00600

WT-9001  
SIMCard No.  
13353545466

RELAY1=00600

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