

WT-1010SA

GSM Wired Alarm System With Remote Control Function



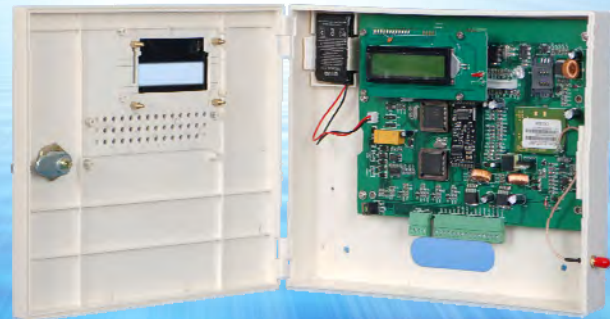
INTRODUCTION

The **WT-1010SA** GSM Alarm System provides the ideal solution for residential, commercial applications, rural and farm security where traditional telephone lines are not available for security system communications. When no telephone service is available from your home, it ensures that critical alarm information reaches the central station. The **WT-1010SA** uses a GSM communicator, no distance limits to receive alarm calls or remote control the alarm system, it can also call and sends text alerts to 8 pre-set telephone number when intruder alarm triggers.

With your mobile phone, you can arm, disarm or activate the alarm remotely. You can control alarm via text message and receive confirmation. You can receive details text and call of any alarm activity while away. The GSM alarm system is also able to monitor your property when the phone line is cut or disabled.

Features

1. Remote alarm monitoring – an alternative to expensive alarm monitoring service
2. Notifying you of an alarm condition from anywhere in the world
3. Notifying contact / key holders of alarm activation on and the type of event that has triggered the alarm
4. Installation where there is no fixed telephone landline
5. Installation in: houses, office, shops, caravans, boats, etc



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Features

1. Four Alarm Inputs: The system has the function to send SMS and call to the user in the event of input triggered. For example, Zone 4 connected to an electric door, when there is intruder or the electric door is open illegally, WT-1010SA will receive short circuit impulse on Zone 4 and automatically sends a signal to the pre-set number and notify the owner.
2. It is possible to arm/disarm the unit remotely via SMS or phone call. Alternatively, it also can connect to the basic telephone to perform arm/disarm. Remote Control also will be provided.
3. Input alarm zoning can be edited and programmed up to 50 characters long. You can use this function to program any languages. You can change the displayed text by sending a command by SMS to the unit. For examples, changing the zone 4 to "DOOR OPEN"
4. Three remote control output. These open collector outputs (that can sink max 300ma per output) can be turned on and off remotely through a SMS or phone call. Remote control will be reachable by sending a SMS or phone call with a certain command. For example SMS/Call in to switch on lighting, air conditional, generator, sensor or other equipment.
5. Automatically call to 8 pre-program phone numbers while alarming. The WT-1010 also will SMS to 8 programmable phone number to notify the user if any intruder
6. Open your auto gate with your basic telephone. Connect the WT-1010 with the auto gate and your house basic telephone. Besides you can use the WT-1010 as your house telephone, you also can open your auto gate by pressing a command at the basic telephone.
7. Most of the countries, GSM Mobile operator offer cheaper call plan compared to telecom landline. It can connect to the basic telephone to make call. If any intruder, the WT-1010 will cut the telephone call and send the alarm messages first.
8. In order to prevent professional thief to disconnect GSM by using "GSM Jammer", the WT-1010 will transmit the alarm if signal drop immediately and trigger the siren
9. The owner will automatically received the SMS text messages for "Battery Fail", "Telecom Line Fail", "AC Fail", "Input 1 – Input 4 Fail", "GSM Alive" if any of the above having problem.
10. Auto test reporting system – after the owner program the reporting time, the WT-1010 will dial the programmable number to inform that "GSM Alive". This is to make sure that in case of emergency, the GSM still functioning well
11. Standby rechargeable battery to prevent power failure or electricity cut off by intruder. The GSM will function as normal when no electricity supply. LCD display to check the GSM signal strength and battery capacity

SPECIFICATIONS

Working Frequency:

- GSM 850/900/1800/1900 MHz

Transmission Power:

- EGSM 850 MHz (2 Watts) Class 4
- EGSM 900 MHz (2 Watts) Class 4
- DCS 1800 MHz and PCS 1900 MHz (1 Watts) Class 1

Frequency Range:

- EGSM 850 824~849MHz 869~894MHz
- EGSM 900 880~915MHz 925~960MHz
- DCS 1800 1710~1785MHz 1805~1880MHz
- PCS 1900 1850~1910MHz 1930~1990MHz

Stability of Frequency:

- Better than 2.5PPM

Signal Sensitivity:

- -103dB

Power Consumption:

- Average power consumption < 2W

Operating Temperature:

- 0°C to +55°C

Relative Humidity:

- 10% ~ 95%

Air Pressure:

- 86 ~ 106kpa

Power Supply:

- DC 12V, 1500mA

Backup Battery:

- Rechargeable 12V Lithium Ion

