

**Name: GSM SMS Controller & GSM SMS Alarm Unit**  
**Model: S130 S140 S150**



S130



S140



S150

Remote switching machines with a SMS text from your mobile phone!  
 Remote Monitoring your assets in the worldwide by your mobile Phone!

The GSM SMS Controller-Alarm is a very simple device which can be used for authorized door access, controlling gates, switching of remote equipments, car parking systems. Actually the GSM SMS Controller can be used in places which require turning ON/OFF your system, machines, equipments remotely with a SMS text from your mobile phone and protect your assets.

Moreover, the GSM SMS Controller-Alarm with 2/4/8 digital inputs, when any one of the inputs triggered, will start the siren or switch on the light automatically. in the meanwhile, the GSM SMS Controller will send SMS Alert the to owners immediately. This is very useful if you need protect your assets with low cost solution.

**The GSM SMS Controller-Alarm suitable for below applications:**

1. Security Alarm System applications;
2. Supervision and monitoring alarm systems;
3. Automatic monitoring system;
4. Vending Machines security protection;
5. Pumping Stations, Tanks, Oil or Water levels;
6. Buildings and Real Estate;
7. Weather Stations;
8. River Monitoring and Flood Control;
9. Oil and gas pipelines;
10. Corrosion protection
11. Temperatures, water leakage applications;
12. Wellheads, boat, vehicle;
13. Energy saving, street lights control system;
14. Valve controls;
15. Transformer stations;
16. Unmanned machine rooms;
17. Control room application;
18. Automation System, M2M;
19. GSM Access Control System, GSM Gate Opener, etc.

**Mainly Features of the GSM SMS Controller-Alarm:**

- ◆ 1 relay output (240VAC@3A) can be switched ON/OFF by sending a SMS text;
- ◆ 1 relay output (240VAC@3A) can be switch on 4minutes if any inputs triggered;
- ◆ 2/4/8 Alarm logic inputs, NC or NO and EOL is optional;
- ◆ 3 SMS Alert numbers and 5 auto-dial numbers can accept to the alarm message;
- ◆ Two-way voice communication by external microphone and speaker;
- ◆ Supports armed, disarmed, inquiry status, switch on or off relay output by SMS Commands;

- ◆ Password protected, prevents unauthorized user;
- ◆ Can be set up and programmed from PC Programmer by USB cable;
- ◆ Time stamped alarm messages;
- ◆ Backup rechargeable battery inside, can work for 24hours when power off;
- ◆ Can be operated from anywhere, no distance limit;
- ◆ Based on GSM Network, applied to many applications.

**Specifications of Mainframe**

Parameter item	Reference scope
GSM Frequency	Default: 900/1800/1900Mhz , Optional: 850/1900/1800/1900Mhz
DC Power supply	Standard adapter: DC 12V/1.5A
Power Current	Max:500mA Type :50mA
SIM Card	Supporting 3V SIM Card
GSM Antenna	50 SMAAntenna interface, Cable type: Gain:3dBi cable-length:3-5meters connector :SMA Portable antenna: Gain:2dBi height: 5cm connector: SMA
Serial	USB Port
Input Type	2/4/8 Dry Contact, NC,NO,EOL.
Output Type	2 Relay Output, 240VAC@3A, Relay inside.
Exterior dimension	LXWXH 153x86x28mm
Backup-battery	3.7V 1200MAh LI-ION
Temperature range	-20 C ~ +60 C
Humidity range	Relative humidity 20~95% (condensation free)
Weight	320g
** Electrical Characteristics @25 C	

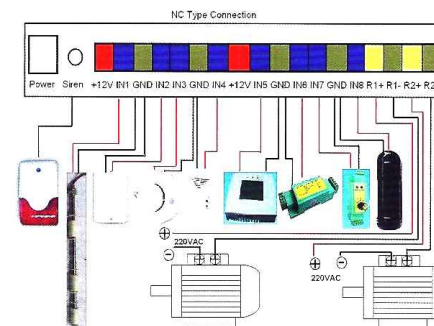
**Standard Package list**

GSM Controller X 1  
 Power supply adapter X 1 (12V 1.5A)  
 USB Cable X 1  
 CD (Pc programmer tool) X 1  
 GSM Antenna X 1

**Optional Accessories:**

Water Overflow Level Sensor, Oil Overflow Level Sensor, Water Leak Sensor, Temperature Sensor, Door Sensor, PIR Motion Sensor, Smoke Sensor, Gas Leak Sensor, Glass Break Sensor, Shock Sensor, Power failure sensor, etc.

**Typical Wiring of the GSM SMS Controller & Alarm**



**Model List**

Model No.	Differences
S130	2 Digital inputs, 1 Alarm Link relay output, 1 separate relay output for SMS Commands.
S140	4 Digital inputs, 1 Alarm Link relay output, 1 separate relay output for SMS Commands.
S150	8 Digital inputs, 1 Alarm Link relay output, 1 separate relay output for SMS Commands.