SimPal-G212

GSM Alarm System
（GSM elderly care alarm system）

SimPal-G212 GSM Alarm System is simple DIY home alarm system. Work with GSM SIM card, connect up to 20pcs wireless sensor, once sensor trigger, main panel will make a loud alert sound and send SMS to users mobile phone. The device come with built-in microphone and speaker, user can easy press remote control SOS button to make calling and ask for emergency help.

It can work as elderly care alarm system, send SMS when PIR do not detect human motion more than 24 hours. SOS button for emergency help.

Compacted and fashion design, simple operation. Good choice for home intruder alarm and elderly care alarm.

Package Included:
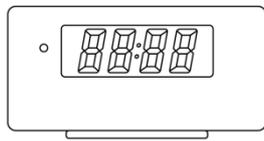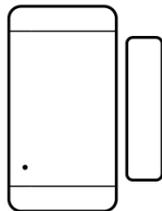
Alarm Panel (1 pcs)	Door Sensor (1 pcs)	PIR detector (1 pcs)	Remote control (2 pcs)	AC adaptor (1 pcs)
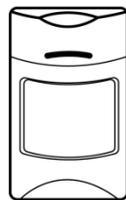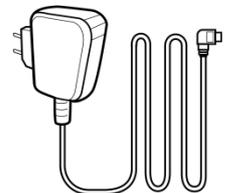
Main Features:

◆ **Work with wireless sensor:**
Connect up to 20pcs wireless sensors, such as door magnet, pir sensor, smoke sensor, gas sensor etc. SimPal-G212 will send SMS alarm when connected sensors triggered.

◆ **FSK wireless transmission:**
main panel and wireless sensor communicate with two-ways FSK protocol, it makes sensor transmit more safety and work longer distance.

◆ **Two alarm mode:**
alarm panel will sound alarm tone when work in alarm mode; it will sound "Dingdong" when set in home mode.

◆ **Elderly care:**
monitor room motion or door open status. Send SMS alarm when do not detect human motion.

◆ **Handsfree calling:**
simple press SOS button on remote control to calling preset phone number.

◆ **Big backup battery:**
1200mAh lithium battery, it can make device working more than 10 hours even power cut off.

◆ **Power lost alert:**
SMS notification to user mobile phone once power lost or restore. Rechargeable battery ensuring operation in case of external power failure

Product structure:

Speaker, Set time, Beeper, Status indicator, Time display, UP, Down, Reset button, Power switch, Power connector, Pair sensor, Microphone, Bracket hook, SIM card slot
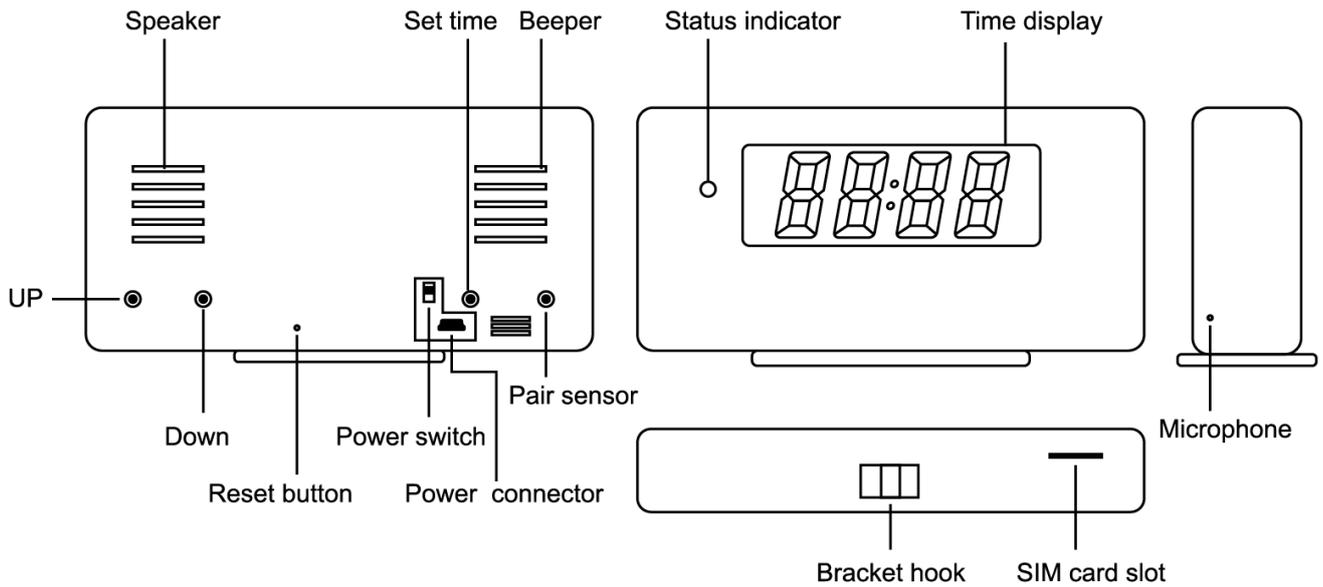
Sensor type:

Alarm sensor: will trigger alarm sound when work in Arm mode; will ignore when work in Disarm or Home mode.

Emergency Sensor: will trigger alarm sound in all working mode include Disarm, Arm, Home mode.

Home sensor: Will trigger alarm sound when work in Arm mode, will sound doorbell tone when trigger in Home mode.

Doorbell sensor: will always ring "DingDong" when sensor trigger.

Elderly care sensor: panel will send SMS alarm when elderly care sensor do not trigger more than 24 hours.

Noted: Panel only send SMS when ring alarm sound, do not send SMS when "DingDong" ring.

Working mode and sound tone:

Sensor type / Mode	Alarm sensor Zone 1-5	Home sensor Zone 6-10	Emergency sensor Zone 11-15	Doorbell sensor Zone 16-18
Arm mode	Alarm tone	Alarm tone	Alarm tone	Doorbell tone
Home mode	--	Doorbell tone	Alarm tone	Doorbell tone
Disarm mode	--	--	Alarm tone	Doorbell tone

Technical Parameter:

Alarm panel size	138*70*25mm
Stand bracket size	80*32*12mm
Time display size	23*70 mm
Product weight	147g
Power adapter	input 100V～240V/50Hz output DC 5V
Power adaptor connector	Mini USB
Lithium ion battery	1200mAh
Standby time of the battery （Depending on network）	10 hours
Work frequency	GSM850/EGSM900/GSM1800/PCS1900
SIM card type	Micro SIM 15*12mm (Middle size)
Receive code of Wireless sensor	FSK
Wireless sensor working frequency	433.92 MHZ
Max quantity of sensor	20 PCS
Effective range of sensor	30-50 meters
Built-in Siren	105 dB
Work temperature	-10℃～+45℃
Storage temperature	-20℃～+60℃