

Warning alarm and control without distance limitation

GSM HOME SECURITY SYSTEM

Model : GSM-120

ISO-9001, CE, IEC1010

www.YaLAB.com.tw 02-23890101 04-22270088



DS-121 x 2 PCs

FEATURES

- * Home security system via GSM mobile phone, no distance limitation.
- * If the house is happened the unusual interrupt, user's mobile phone will receive the alarm SMS message immediately.
- * Two wireless detect switches are included, user can install the DS-121 on the door or window easily. When the thief interrupt the house, buzzer will sound and send the SMS alarm message to the mobile.
- * Build in alarm buzzer output and control output terminal.



www.YaLAB.com.tw

The Art of Measurement

GSM HOME SECURITY SYSTEM

Model : GSM-120

FEATURES	
<ul style="list-style-type: none"> * Home security system via GSM mobile phone, no distance limitation. * If the house is happened the unusual interrupt, user's mobile phone will receive the alarm SMS message immediately. * Two wireless detect switches (DS-121, included), user can install the DS-121 on the door or window easily. When the thief interrupt the house, buzzer will sound and send the SMS alarm message to the mobile. * Build in alarm buzzer output, wire buzzer is the standard accessory. Wireless alarm buzzer (WB-122) is available as the optional accessory. * Build in one relay output, user can control (ON/OFF) the home electrical equipment via the mobile phone. * Wireless relay (WR-123) is the optional accessory. When user intend to control the electrical appliance, it is not necessary use the wires to connect the main system if via WR-123. * All setting value will be saved into EEPROM IC, no loss. 	<ul style="list-style-type: none"> * Allow to preset three telephone no., alarm SMS will be send to three users in sequence. * After the SMS command send by mobile phone, the confirm message will be send back to the mobile, safety and no loss. * SMS delay time, SMS repeat time, buzzer delay time, buzzer repeat time can be preset flexibly. * Dot matrix LCD display with back light, can display all the system information clearly. * Mobile telephone can call the status of the system. * Mobile telephone can ON/OFF the alarm function. * Build GSM mobile modem (dual band, 900/1800 MHz). * Easy operation and installation, can D.I.Y by the user. * Few and limit SMS command. Intelligent application , innovation, wide range, no limitation. * Application : Home security system. Building supervision. Industrial security system. Remote control the electrical system (Lighting, Pump, Heater, Refrigerator, Pets feeder..)

SPECIFICATIONS			
DISPLAY	Dot-matrix LCD with back light 16 characters x 2 line.	Operating Temperature	0 to 50 °C (32 to 122°F)
GSM Modem	900/1800 MHZ, dual band.	Operating Humidity	Less than 80% RH.
LED Indicators	7 LED Indicators : GSM indicator System indicator SMS alarm indicator Buzzer alarm off indicator Detect switch indicator Buzzer indicator Control relay indicator	Power supply	Main unit DC 9V, via adapter in. Detect Switch Battery, 006P, DC 9V.
Detect Switch Inputs	<ul style="list-style-type: none"> * Whole system included two " Wireless detect switches " (DS-121) as the standard accessories. User can install DS-121 on the door or window easily. When the thief interrupt the house, the buzzer will sound and send the SMS warning message to the mobile phone. * If need more doors (windows) to install the extra " Wireless detect switches ", the DS-121 is offered as the optional accessory. * No number of the DS-121 that can be installed are no limited. Any DS-121 is interrupted, the system will send the warning alarm message to mobile. 	Power consumption	Main unit * Buzzer silent GSM module working : Approx. DC 210 mA GSM module standby : Approx. DC 125 mA Detect Switch Normal : No current consumption. Interrupt : DC 5.8 mA
		Size	Main unit 193 x 149 x 46 mm (7.6 x 4.9 x 1.8 inch). Detect Switch 11 x 3.4 x 2.6 mm (4.3 x 1.3 x 1.0 inch).
Buzzer Output	Buzzer output terminal can connect the " Wire buzzer " (standard accessory). When thief interrupt the house, the buzzer will sound.	Weight	Main unit 500 g (1.1 LB). Detect Switch 87 g (0.19 LB). * Included battery
Relay Output	<ul style="list-style-type: none"> * Build one control relay output (NO, normal open) , user can control the home electrical appliance via mobile phone. * Max. load of control relay : 1 ACA/250 ACV 1 DCA/24 DCV 	Accessories includes	Operation manual..... 1 PC Wireless detect switch, DS-121 2 sets AC 100V-240V/DC (9V, 1A) power adapter..... 1 PC Antenna 1 PC Buzzer with two wires..... 1 PC Double side stick sponge 1 set
Wireless Buzzer Interface	Can cooperate the " Wireless Buzzer " (WB-122, optional). User can hide the main system of GSM-120 and only present the WB-122 in the obviously place, then the thief will not find the main system (GSM-120) easily.	Optional Accessories	Wireless Buzzer unit, Model : WB-122 Wireless Relay unit, Model : WR-123
Wireless Relay Interface	Can cooperate the " Wireless Relay unit " (WR-123, optional). User intend to control the electrical appliance, it is not necessary use the wires to connect to the main system if via WR-123.	Size	Main unit 193 x 149 x 46 mm (7.6 x 4.9 x 1.8 inch). Detect Switch 11 x 3.4 x 2.6 mm (4.3 x 1.3 x 1.0 inch).
Frequency of Wireless Detect Switch Standard	433.92 MHz. CE conformity	Weight	Main unit 500 g (1.1 LB). Detect Switch 87 g (0.19 LB). * Included battery
		Accessories includes	Operation manual..... 1 PC Wireless detect switch, DS-121 2 sets AC 100V-240V/DC (9V, 1A) power adapter..... 1 PC Antenna 1 PC Buzzer with two wires..... 1 PC Double side stick sponge 1 set
		Optional Accessories	Wireless Buzzer unit, Model : WB-122 Wireless Relay unit, Model : WR-123 Wireless detect switch, Model : DS-121
		Other model	3 band (950/1800/1900 MHz) for American market. Model : GSM-120-3B

* Appearance and specifications listed in this brochure are subject to change without notice.
www.YaLAB.com.tw 02-23890101 04-22270088

0609-GSM120