

Warning alarm and control without distance limitation

GSM HOME SECURITY SYSTEM

Model : BS120



The Art of Measurement

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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.	Standard	CE conformity
GSM Modem	900/1800 MHz, dual band.	Operating Temperature	0 to 50 °C (32 to 122°F)
LED Indicators	7 LED Indicators : GSM indicator System indicator SMS alarm indicator Buzzer alarm off indicator Detect switch indicator Buzzer indicator Control relay indicator	Operating Humidity	Less than 80% RH.
		Power supply	Main unit DC 9V, via adapter in. Detect Switch Battery, 006P, DC 9V.
Detect Switch Inputs	* 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 GSM module working : * Buzzer silent Approx. DC 210 mA Detect Switch GSM module standby : Approx. DC 125 mA
		Size	Normal : No current consumption. Interrupt : DC 5.8 mA
Buzzer Output	Buzzer output terminal can connect the " Wire buzzer " (standard accessory). When thief interrupt the house, the buzzer will sound.	Weight	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).
Relay Output	* 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	Optional Accessories	Wireless Buzzer unit, Model : WB-122
			Wireless Relay unit, Model : WR-123
Wireless Buzzer Interface	Can cooperate the " Wireless Buzzer " (WB-122, optional). User can hide the main system of BS120 and only present the WB-122 in the obviously place, then the thief will not find the main system (BS120) easily.	Weight	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).
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.	Accessories includes	Operation manual..... 1 PC
			Wireless detect switch, DS-121 2 sets
Frequency of Wireless Detect Switch	433.92 MHz.	Optional Accessories	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 unit, Model : WB-122
			Wireless Relay unit, Model : WR-123
			Wireless detect switch, Model : DS-121

* Appearance and specifications listed in this brochure are subject to change without notice.