

Intrusion Alarm System

Connects to Wired as well as Wireless Sensors



Features of BAS-G

With GSM, LCD Display & Keypad

Built-In GSM & SMS Dialler

The system dials up to 6 Telephone numbers and sends SMS through the SIM card in case of intrusion. An alarming sound is played during the call, and a programmable message can also be played through an optional voice card.

Battery Rechargeable Built-In

It has in-built Li batteries for backup lasting up to 12 hours. There is an option to connect additional batteries for longer backups.

8 Wired Zones & 75 Wireless Sensors

8 Wired zones & 75 Wireless sensors can be connected simultaneously. Each wired zone can connect to unlimited wired sensors in series, provided the total loop resistance is less than 200 Ohms.

Voice Message played during Intrusion

Upon intrusion, the system calls the registered users and announces the exact Sensor or Zone Number from where intrusion has taken place.

Battery Low SMS

When in-built batteries of the Main Unit or any of the Wireless Sensors (compatible for this feature) goes low, the System alerts the user. The display on the main unit gives exact sensor number along with mild beeps, and SMS is also sent to the telephone numbers.

Programmed by SMS & Android/ iOS App

The system can be completely programmed by SMS and Android/ iOS Application through the registered phone numbers.

User Definable Names of Sensors & Zones

User can give names to the System as well as the Wired Zones & 8 Wireless Sensors. This name of up to 15 characters long is displayed in the SMS received by System.

SIM Balance check

Registered mobile numbers can know the balance amount of the SIM through Keypad of System, SMS and Android/ iOS Application.

Auto Arm/ Disarm - Day Wise

System can be programmed to ARM / DISARM at 3 different sets of timings. These timings can be different for each day of the week. For example, system can be kept ARMED on Sunday but on rest of the days it can get ARMED at 9PM and DISARM at 8 AM. Up to 10 Holidays in a year can also be separately programmed

Siren - Built In

One Siren comes built into the system with option to connect an external Siren. More than one Sirens can be connected through optional power supply.

Remote Monitoring / Listen-in & Talk

User can make a Telephone call and listen to the voices near the main unit & can even talk through the main unit. The same is true in case of intrusion as well. The system can also be ARMED / DISARMED through the telephone call.

Record of last 100 events with date & time stamping to check the history of various events are stored in the main unit and can be viewed by the user.

Signal Repeaters

Operating distance of Wireless Sensors from the Main Unit can be increased with Signal repeaters. They can be used in series to increase the distance further.

Tamper Switch - In Built

The main unit come with built-in tamper switch which guards it 24 hours. If the unit is tampered with, user is alarmed through Siren & Telephone call

Alert for Door Left Open

When the system is being ARMED, if any door having Magnetic Sensor (wired or wireless) is open, the system will alert the user. The same is true for all wired sensors as well.

Traitor Alert

One or all Wired Zones or Wireless Sensors can be configured for 'Traitor Alert' feature. Whenever any of these sensors is open in DISARM mode, the system will give mild beeps thereby alerting the user about doors (used by servants, maids, etc.) being open. The mild beep doesn't disturb the user, yet keeps him/ her alert. The sensor numbers that are open are displayed on the main unit.

Arm Bypass

User has option to ARM all the Zones or selected Zones.

Electrical Lights ON during Intrusion

Selected Light load can be made to switch ON whenever there is an intrusion.

Multilevel Passwords

It has 1 Master & 5 User Passwords. Master Password can do all operations and programming as well. User level Passwords can only ARM or DISARM the system. The History records would show which Password had ARMED / DISARMED the system.

Additional Keyboard Connectivity

One or more Wireless or Wired Keyboards can be attached for operating the System.

Model available with Land Line connection as well.



BAS-GS

Features of BAS-GS

With GSM, No LCD Display & No Keypad

- GSM & SMS Dialler Built-In
- 6 Wired Zones + 50 Wireless Sensors
- No LCD Display & No Keypad
- Sensor Open LED Indication
- Programming only through SMS and Android / iOS App
- Record of Last 20 events can be checked via SMS or App
- All other features same as BAS-G



BAS-B

Features of BAS-B

Without Dialler, LCD Display & Keypad

- Basic System without Dialler
- 2 Wired Zones + 50 Wireless Sensors
- Auto Detect Open Door
- Built-In Rechargeable Battery
- Battery Low Warning LED Indication
- Siren - Built in
- Electrical Lights switch ON during Intrusion (Optional)
- Sensor Open LED Indication
- Signal Repeaters (Optional)
- Tamper Switch - In Built
- Traitor Alert

Sensors

Magnetic Sensors

Senses intrusion from Doors, Windows etc.



MSWRD

Wired type with Tamper Protection + water proof.



MSW

Wireless type with Tamper Protection
Detects Door / Window open as well as closed + **Low Battery Virtual Indication & SMS to user** + Can optionally be made Water Proof.



MS-SS-Wired

Wired Type for Shutters
Available in Plastic & Metal Body



MS-SS-Wireless

Wireless Type for Shutters
Available in Plastic & Metal Body

Vibration Sensors

Senses breaking of glass by detecting vibrations



VSWRD

Wired type with Tamper Protection



VSW

Wireless type + **Low Battery Virtual Indication & SMS to user** + Sensitivity can be set by user

PIR Motion Detector

Senses movement of people in a certain area



PIRWRD

Wired type with Tamper Protection

PIRW

Wireless type + **Low Battery Virtual Indication & SMS to User**

Beam Sensors

Senses movement of people in open areas like Terrace, boundary wall etc.



**BS-15 MTR
Single Beam**

Wired Out Door Type, and can be converted to wireless by connecting BS-PS-WL which also has built-in Li batteries for back-up during power failure + Protection from Rain, fog, and snow + Dual Beam avoids false alarm due to birds, insects & falling leaves.



**BS-100 MTR
Dual Beam**

Smoke / Heat Detectors

Detects Fire / Rise in temperature in an area



Smoke Detectors

SDWRD

4 Wire type Smoke detector + Tamper Protection

SDW

Wireless type + Tamper Protection + Low battery Indication & Sound

Heat Detectors

HDWRD

Wired Type + Tamper Protection + Normal working indicator + Sounds Buzzer when ambient temperature rises beyond 57 Deg C.

HDW

Wireless Type + Tamper Protection + Sends alarm message to Burglar Alarm System when temperature rises beyond 70 Deg C.

Gas Detector

Senses the presence of Natural GAS / LPG GAS in kitchen



GDWRD

Wired type + Tamper Protection + Light and audio sound when GAS is detected



GDW

Wireless type + Light and audio sound when GAS is detected

Remote Wireless

To ARM/DISARM the system. It also works as a Wireless Panic switch.



Remote-Wireless
Wireless Remote with Panic Key

Panic Switch

To manually trigger the system in panic situations



PS-Wired
Wired Type



PS-Wireless
Wireless Type

Signal Repeater

Increases the range of wireless sensors



Signal Repeater

It has built-in Li rechargeable batteries for operation during power failure +. Multiple Signal Repeaters can be cascaded to increase the range further more.

Extra Battery Bank

For longer operating life of Wireless Sensors



WSNS

Used to extend the battery life of wireless sensors such as Magnetic Sensor, Vibration Sensor and PIR Sensor to up to 4 years

Additional Siren / Flashing Siren

Connects as external siren



SWRD-110db



FSWRD-120db



Siren 220V AC 1km/ 2km/ 3km

There are various Wire type models with sound level ranging from 110 dB to 120 dB. There are models that have Flashing light built-in. They all have option to add Tamper Protection and to make them Wireless type.

Wireless / Wired Key Board

To Operate the System through one or more additional Key Boards



Wireless / Wired Key Board

One or more Wireless or Wired Keyboards can be used to operate the System. Each Wireless Keyboard will occupy 1 Wireless Zone. It has Built-in Siren: During Intrusion/Panic, siren of the WKB also works. It has Built-in Li Batteries for operation during power failure.

Technical Specifications of Main Unit

Input	AC 100V to 280V
Distance covered by wireless sensors	Approximately 300 ft in open area
Standby current	26 mA at 12V DC
Working current	43 mA at 12V DC without Siren 500 mA at 12V with Internal Siren
Ambient Temperature	10°C to +45°C
Ambient Humidity	95% Maximum
Power Adapter	12V DC 1A
Built-in Battery Backup	Rechargeable 7.4V 500mAh Lithium Battery
GSM Module (In BAS-G)	Dual Band - GSM 900 / DCS 1800 MHz

Product specifications are subject to change without prior notice due to company's constant endeavor to improve the product. All features are not part of the basic system. Some features are optional.

An ISO:9001:2015 Certified Company

Copper Connections Ltd.

B-221, Okhla Industrial Area, Ph-I, New Delhi-110020. Ph.: +91-11-40625543

cclmailccl@gmail.com

www.copperconnections.com