



Home Touch HT

Building automation describes the functionality provided by the control system of a building. A building automation system (BAS) is an example of a distributed control system. The control system is a computerized, intelligent network of electronic devices, designed to monitor and control the mechanical and lighting systems in a building. Room automation is a subset of Building automation and like it, is the consolidation of one or systems under centralized control but in this case in just one room.

The various advantages could be

- Power / energy saving.
- Less manpower usage.
- Better security.
- Better convince.



Our system consist two parts-

- ✓ Central control panel
- ✓ Sub controls

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Components of the Central control panel System

These systems consist of a central control panel to which graphical display, GSM/GPRS modem, smoke alarms, motion sensor, LPG gas leak sensor, 10-controlled output and heat detectors are connected, along with bells or horns that are activated when the system triggers an alarm.

Graphical display

The graphical display used to display the status of sensors and all controls. It used to control all electrical devices in that building. The keyboard used to select that particular device and control it.



PIR sensor:

This system is also known as motion sensor. As someone enters the space, the PIR sensor recognizes the movement and automatically brings up the lights. Occupancy motion sensors are located in every area of the building. At any given time, it is possible to consult the security system and determine where there is movement or activity taking place.



Smoke and Fire detectors

Building security systems not only protects your building or property from the break-in but also alerts you in case of fire. These systems consist of a central control panel to which smoke alarms and heat detectors are connected, along with bells or horns that are activated when the system triggers an alarm.



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Wireless control systems

RF remote

The security system remote control wirelessly communicates with the lamp module to control the room's lighting.



GSM/GPRS Modem

GSM/GPRS communications, enabling uninterrupted data transfer in case of a link failure or interferences. These options enable to install the home security system with the most suitable communication links and security backup for any premises and any customer. The GSM/GPRS modem used to control the device in remote area. That devices controlled by mobile, PC etc.

Smart phone control

It's the unique and most useble feature of home touch HT. Using your mobile phone you can control and get security alerts from anywhere, while you are at office, shopping or even when at a pleasure trip to distant places. It's user friendly software installed on your mobile phone

Home screen





Lights control

Television



Fan control

Ac control





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Door lock



Gas leak alert



Components of the Sub control System

These system consist only 10- controlled outputs. The central control panel control to this sub control system.



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