

## **1) Motion controlled switch**

- i) 5A relay contact to drive any lighting load within this range.*
- ii) When human and animal motion happened, sensor gets triggered and lighting load activates*
- iii) Works in dark also.*
- iv) Sturdy power supply.*
- v) Light load remains on for approx. 45 Sec. After last motion detected. It remains on till any motion is sensed.*
- vi) Good for bathroom lighting, lobbies, passages.*
- vii) Auto ON/OFF of load reduces your electricity bill and adds to your convenience.*

## **2) Garden light controller**

- i) Works with real time microcontroller*
- ii) Your garden light remains on during 6pm to 10pm every day.*
- iii) ON timing of light depends on the outdoor light intensity, for this photo sensor is also incorporated.*
- iv) During the summer days light will be 'ON' late and in winter it will be 'ON' early depending upon light intensity.*
- v) Lights will be automatically 'OFF' at 10 pm.*
- vi) Manual push button is also provided to make 'ON' lights if required.*
- vii) Sturdily built in power supply and drive 5A/230V load.*

## **3) Auto climate controller**

- i) Real time microcontroller based system.*
- ii) 5 different modes of operation given.*
- iii) LCD display with digital clock, room temp, mode and fan speed given.*
- iv) Room AC and fan both are controlled using IR remote operation and fan is controlled using wireless operation*
- v) Fan speed can also be set using this controller.*
- vi) 2 different modes for night time provided.*

- vii) *During night modes if the temp of the room rises above 28C or reduces below 24C AC will be made automatically ON or OFF accordingly irrespective of timer settings. This is smart feature of this controller.*
- viii) *Easy to install. No need of separate wiring. Easy to operate.*
- ix) *Gives you pleasant sleep at night. Reduce your electricity bill.*

#### **4) Automatic watering system for plants**

- i) *Microcontroller based real time watering system.*
- ii) *2 different modes of operation for winter and summer.*
- iii) *Watering to the plants will be made on stipulated period of time every day.*
- iv) *Only adequate amount of water will be given. so it avoids wastage of water.*
- v) *Also, since no excess water is given, nutrient value of the soil will be preserved.*
- vi) *Also avoids staining around plant pots since the calculated amount of water is fed.*
- vii) *Works automatically every day so it can take care of your plants in your absence.so now you can enjoy your holidays outstation without worrying for your plants.*
- viii) *Manual switch is also provided to feed water if required.*

#### **5) Wireless control for electronic latch**

- i) *435 MHz transmitter and receiver.*
- ii) *The Lock can be operated over a range of 100ft.*
- iii) *This electronic lock is fitted on the front of the door or gate for unlocking power is required. When no power is applied, the lock remains in locked condition by default.*
- iv) *Manually lock can be unlocked if required in emergency.*
- v) *In this, wireless battery-operated transmitter, electronic lock, wireless the receiver with power supply built in, are all incorporated as three parts of the product. The receiver requires a 230V supply, for its operation.*

#### **6) Simple fan remote control**

- i) *It operates on Bluetooth mobile app.*

- ii) *Fan ON/OFF is done using this app.*
- iii) *Fan speed can also be varied as per your requirement.*
- iv) *Transmitter is your mobile and receiver module is fitted near your switch board. Then you can operate your fan remotely.*
- v) *Since your mobile is acting as a remote, no separate remote control is required. This gives you convenience of operation.*
- vi) *No headache of maintaining yet another remote and still getting benefit!*

## **7) Bluetooth operated switch**

- i) *4 switches can be operated using one controller.*
- ii) *Mobile app is used to control switches as per your requirement.*
- iii) *No separate remote required.*
- iv) *Gives ease of operation.*
- v) *Can be used to switch tube, bulb, TV, fan or any electrical load up to 5A.*
- vi) *Once installed you can operate it from anyone's mobile in your home using the app.*

## **8) Wireless remote switch for pump**

- i) *Comprises of 435 MHz wireless transmitter and receiver.*
- ii) *Operating distance is up to 150ft.*
- iii) *Transmitter operates on battery.*
- iv) *Receiver is installed near pump panel and required 230V for its operation.*
- v) *Gives convenience of remote pump.*

## **9) Voice operated TataSky set top box operator**

- i) *Mobile app is used to give voice commands to the controller, which then operates set – top box accordingly.*
- ii) *You just have to say name of the desired channel and that channel will be turned on.*
- iii) *Similarly set- top box is also turned on using voice command.*
  - a. iv) *Anyone in the house can use this app.*
- iv) *So, it sets you free to remember all the channel nos.*
- v) *Most favorite and commonly used channels are incorporated.*

## **10) LPG , methane gas detector**

- i) Sensor continuously monitors the environment for any gas leakage.*
- ii) Any such gas leakage initiates alarm to alert you.*
- iii) If IOT option taken, you can get an alert email on your mobile, irrespective of your presence anywhere in the world.*
  - i. It's very useful from your safety point of view.*

## **11) IOT switch for your AC**

- i) You can operate your AC from anywhere in the world using internet cloud.*
- ii) You can set a timer as per your requirement to make AC on and off.*
- iii) You can monitor temperature in your room from anywhere in the world.*
- iv) The Controller is placed in the AC room and it controls your AC using IR transmission so it omits external power coiring to your AC . Gives convenience of installation.*
- v) Table top model doesn't require any other installation.*

## **12) IOT switch for home**

- i) You can switch supply of your entire home from your mobile from anywhere in the world using the internet.*
- ii) 20A contactor switches power on and off.*
- iii) You can monitor the status of this switch from your mobile.*
- iv) Remotely you can control the power supply which may prove useful in an emergency!*

## **13) IOT vigilance system for main door**

- i) An Alert will be sent to you by email if anyone outside the main door is detected.*
- ii) Sound alarm is also given in the home to bring this to your notice.*

- iii) *The Motion sensor is used in this case which senses motion in the darkness also.*

#### **14) IOT switch for geyser or boiler**

- i) *You can operate the appliance remotely from anywhere in the world using the internet.*
- ii) *Solid state relay is used to give supply to the gadget. It gives longer life of operation.*
- iii) *You can control this using mobile app. It gives convenience of operation.*
- iv) *You can set a daily timer for the same.*

#### **15) Photo sensor operated simple switch for lighting load.**

- i) *Lights will be ON when it is dark and will be OFF when sufficient light is there.*
- ii) *Saves electricity.*
- iii) *Useful for passages and lobbies.*
- iv) *It operates load up to 5A.*

### **Other products in this category**

- i) *Automatic lift timing controller.*
- ii) *RFID access control systems for automatic lift.*
- iii) *RFID operated automatic boom- barrier system.*
- iv) *GSM operated switch for long distance applications.*

