# **Bath & Toilet**

### **True Occupancy Sensor**





**No Faults in Detection** Setting Long Time Not Moving Showering Bathing Shaving or Washing Face

Thanks to Advanced Detection and Analysis Ultrasonic and Sound

### **ULTRASONIC DETECTOR** with Smart Sound Analysis





### Why Use Smart True Occupancy Sensor?

Bathroom, Toilet, Public Toilets are closed Door spaces that are not used all the time. Many People forget lights on, leave the tap dripping, or totally ignore a leaking toilet seat.

Many Automation companies claim to have a solution by using PIR occupancy Sensors. Such sensors give a lot of faulty analysis or do not detect accurately in different conditions like:

- \* Some Businessmen Set for long Time on Toilet Seat
- \* While taking a shower we are away from sensor inside glass walled space
- \* While dipping inside sink there is no movement and the body heat is like water heat temperature

### How True Occupancy Sensor is Different?

The True Occupancy Sensor is Structured with Built in Logic analysis for Both Distance and Sound Also a single Controller can support 2 Locations and 2 Sound/Audio Detectors. The Devise has ability to directly add Relay for Stand alone operation as well as work as SBUS integrated structure.



## Sofa & Bed

## **True Occupancy Sensor**



#### Why Use Smart True Occupancy Sensor?

Many People leave the living room or bedroom and assume that they will becoming back soon and lots of energy wastage as well as consumption of operation life of TV, AC, and lights.

Many Automation companies claim to have a solution by using PIR occupancy Sensors. Such sensors give a lot of faulty analysis and always do not detect humans sleeping or any stagnant person not moving for long time (like during watching of movie ++

#### **How True Occupancy Sensor is Different?**

The True Occupancy Sensor will accurately analyze and measure the distances like radar detecting objects above bed or Sofa. The sensor sensitivity and detection space angle and distance are all software adjustable to fit almost any condition with full sound analysis that is linked to current sensors

# **Meeting Room**

## **True Occupancy Sensor**



#### Why Use Smart True Occupancy Sensor?

Convenience and Energy Saving are always needed especially in office areas that are not always checked like Meeting Rooms / Board Rooms. Inside these spaces, the Need for unchanged status is mandatory while also maintaining energy saving and media projector and devices energy saving ++

Many Times during meeting, Brain storming, Long Video Presentation there is almost no tangible movement detected. Most of Automation and Energy Saving systems assume that room is vacant and thus initiate energy saving scenario.

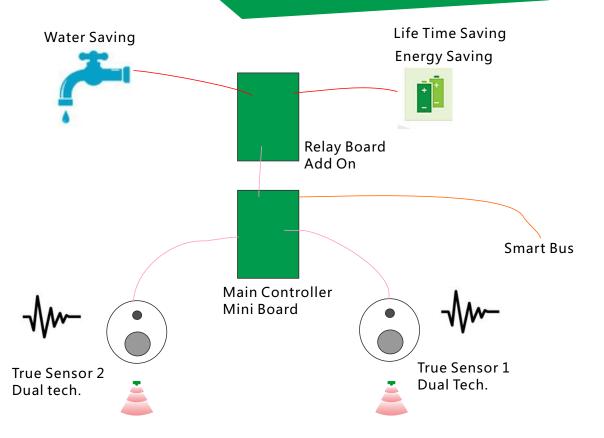
Some times, the technicians are working, or 2 people are standing and disscussing away from meeting table or entrance space. Detectors would usually forget them and initiate energy saving mode automatically.

#### **How True Occupancy Sensor is Different?**

The True Occupancy Sensor will Keep sniffing and analyzing both distance changes and sound then it shall give accurate analysis based on dual as well as multi sensors before initiating any scenario that would disturb the meeting and the occupants of that space.

## Diagram & Data

# **True Occupancy Sensor**



Mr. Sea,

# **Specification:**

