Automatic R
with Bidirec
Counter

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Highlights

Branding Free Pro

- No Brand Nam
  PCB & Projects
- 100% Working
- Tested Project

Documentation

- Free Project Sy
- Printed Short F
- Printable Soft

Support

- Demo Video –
- Technical Supp

-

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Price: ₹3,388.00 Original price was: ₹3,388.00.₹ 1,999.00Current price is: ₹1,999.00.

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Categories: Arduino, Engineering project, Projects

Product Description

INTRODUCTION:

In today's world, there is a continuous need for automatic appliances. With the increase in standard of living, there is a sense of urgency for developing circuits that would ease the complexity of life. Many times we need to monitor the people visiting some place like shopping mall. To provide solution for this I am going to implement a project called "Bi Directional Digital Visitor Counter" with automatic room light control. This project has a "Visitor counter". Basic concept behind this project is to measure and display the number of persons entering in any room like seminar hall, conference room etc. LCD displays number of person inside the room. We can use this project to count and display the number of visitors entering inside any conference room or seminar hall. This works in a two way. That means counter will be incremented if person enters the room and will be decremented if a person leaves the room. In addition, it will automatically control room lights. When the room is empty the lights will be automatically turn off. Digital Visitor Counter bidirectional visitor counter In today's world, there is continuous need automatic appliance will be increase in standard of living, there is a sense of urgency for developing circuit that would ease the complexity of life. Also if someone wants to know the number of persons present in a room so as not to have congestion, the circuit proves to be helpful. The theme of this project when merged with certain established technologies can be quite effective in number of countries like Germany, France & Japan etc. This Project is useful in developing countries and this project has a bright future. This project helps us to control the light of a room automatically and counts the number of persons/visitors entering and leaving the room. By using this circuit and proper power supply we can implement various applications such as fans, tube lights, etc.

APPLICATIONS:

- **Offices and Commercial Spaces**: The system can be implemented in offices and commercial spaces to optimize energy consumption and enhance convenience.
- **Educational Institutions:** Schools, colleges, and universities can benefit from this system to effectively manage room lighting based on occupancy.
- **Hospitals:** Automatic room light control can be valuable in hospitals and medical facilities, improving energy efficiency and reducing manual intervention.
- **Residential Buildings:** Home automation systems can incorporate this project to automate room lighting based on the number of occupants.

Download Free Project Synopsis

Working Video

Disclaimer:

This is a handmade complete working Models, Projects & Activity kits supported by rough study material to make a suitable projects report by the student. It is using Cardboard/Wooden base, Paper, Foam based board, stationary items, Electronic-Electrical Components, Mechanical & Scientific goods as per the requirement of a particular model. Colour of product and decoration item may be varying according to availability of material but we make ensure that we will deliver the product with same working, structure and dimensions as describe in product description section.