

HOME AUTOMATION SYSTEM USING IR SENSORS

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ABSTRACT

This paper proposes a system for automation of appliances which will be operated using sensors and micro controllers. We have used sensor network and one central control section. The network is connected with IR Sensors and relays. Sensors will be in communication with micro controller. Whenever a person enters into a Particular zone, his presence will be detected by IR Sensor and it will send this information to controller. Controller after receiving information from particular sensor, it sends signal to particular relay there then after the appliance will turn on/off due to presence /absence of person. The feasibility of the model is verified in the demo kit.

KEYWORDS: Micro Controller, LED, Sensors