The Study of Home based Control Systems

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Authors:

Nitin Kumar

Ritika Singal

Greesh Kumar Singh

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Abstract

Nowadays the intelligent homes are quite common; these homes gather information through certain sensors to monitor the environment, control the appliances and helps in communing with the outer world. The use of this technology brings more précised work environment although it would make our system more composite. These technologies coalesce to share information
among them so that the system becomes more efficacious. The owner can control the devices by sending the command through a network or through telephone. This paper describes the feasibility to control home appliances in much simpler way based on the certain parameters such as Motion detection of humans, illumination, humidity, Temperature, fire, leakage of gases and smoke etc. The system configuration will assure reliability and complete protection to the user.

Reference


Index Terms

Computer Science

Intelligent Systems

Key words

Tele control  LAN  MCU  CCD

LUX