

ABSTRACT

House Automation system is arrangement of electrical peripheral that controlled by the regulator appliance centrally such as lighting, music, or space temperature. Generally, This appliance provided with work scheduling system to on / off electric equipment.

Automatization house system base on web represent system conduct equipments [of] house electric from long distance by using internet service. During connect to internet network services, the owner will be able to control their house from every where and any time. User will be delivered command data and address data to server, then the sever accessing X-10 module. Function of X-10 module is delivering command data and address data to household pheriperal via powerline network.

Module X-10 is a module which consist of system control and modem. System control use for controller and data processing that send by server. Modem X-10 formed to the ASK modem, envelope detector, and data synchronization. Function of Modem X-10 is modulate of information so the information can be sent by powerline network.