RF is any of the electromagnetic wave frequencies that lie in the range extending from around 3 kHz to 300 GHz, which include those frequencies used for communications or radar signals. These RF modules are very popular among the Arduino tinkerers. The 433MHz is used on a wide variety of applications that require wireless control. These modules are very cheap and you can use them with any microcontroller. In this paper, Gas sensor is connected to the 433 RF modules. The Gas sensor outputs a voltage that is proportional to the concentration of smoke/gas. If the sensor detects the gas, the RF modules send alarm message.

References

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Index Terms

Computer Science Wireless

Keywords

Arduino Uno, RF Module, MQ-2 gas sensor.