

# Review of: "Visualization of Home Security Sensor System Based on IoT Server"

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**Potential competing interests:** No potential competing interests to declare.

This manuscript carried out using an experimental method with several steps, namely testing the system both from the hardware and software side. In addition to this the author wants to examine how effective the home security system with this IoT-based Arduino is if it is actually implemented as a security system at home. These types of work have high impact towards development of sensors in IoT framework which is highly required for awareness of home security system development.

However, following are some queries and suggestions in order to improve the technical content of the present manuscript. The manuscript should accept after incorporating the following review comments.

Reviewers' comments:

1. Authors must incorporate the recent literatures of similar kind of work to compare [in table] and justify their work.
2. The references are not proper in several cases. Please rectify throughout the manuscript.
3. Authors should mention the operating temperature conditions (like; room temperature or above room temperatures) for testing and measure the sensitivity which the work is conducted.
4. Authors also must mention the equation that used for measuring the gas sensitivity.
5. What is the minimum and maximum concentration of CO, LPG, hydrogen, methane, and other combustible gases in the air that the sensor can measure? A brief maximum and minimum concentration table is required to justify the work.
6. Authors should explain briefly not utilizing Message Queuing Telemetry Transport (MQTT) protocol over NodeMCU.
7. Figures resolution must be improved (Figure9-Figure13).
8. Authors must mentioned the limitations of this proposed methodology.
9. Authors must mentioned the technological impact and novelty of work throughout the manuscript.
10. In Conclusion, authors should have highlighted the challenges for design test and future scope of the work.