

Building an environmental monitoring system using the ESP NOW protocol

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Abstract: In the modern context, environmental management and monitoring have become extremely important for protecting and improving the quality of life. This topic focuses on building an effective environmental monitoring system using the ESP NOW protocol for the purpose of optimizing communication networks in practical applications. Through theoretical research combined with experimental deployment, the topic aims to solve the problem of system reliability and performance. The expected result is a robust, flexible, and easily deployable environmental monitoring system, making a significant contribution to the field of IoT technology.

Keywords: Environmental monitoring, ESP NOW protocol, IoT, Wireless communication network, Monitoring system