







other sensors and placed in every corner of laboratory. Designing a responsive web provides users with an interface for inquiring, controlling, setting. As long as visiting the web page, the user can remotely monitor laboratory environment.

### 3. Summary

The research builds a wireless control platform based on browser/server mode with designing responsive web, building embedded web server and setting up ZigBee network. Used in this system, the S3c2440A and CC2530 chip both have a wealth of on-chip resources and has good scalability, which is convenient for secondary development. ZigBee network can increase or decrease the endpoints according to the application which has great flexibility. This system with the merit of convenient, reliable, low-cost, low-power has a large application space and is suitable for the smart home, smart lab, remote data collection system and so on, which combines the characteristic of Internet and ZigBee network.

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