







save to physical memory, the monitoring task, according to the mobile terminal command regulation of digital flow valve working condition, in the LCD display temperature data, the communication task, through the ZigBee network, collecting and processing data in time and response for every command the user send. Human-computer interaction tasks, wireless thermostat providing interactive visualization, according to the keyboard input to view the running state of the system, historical data and configuration of some of the basic operation parameters of the system.

## VI. Conclusion

This text gives a solution about intelligent household heating control system, the scheme not only can real-time and remotely collect data information of every household heating, and the mobile terminal user temperature control command could execution timely in the user's heating equipment, realize full-duplex mode monitoring and control, timely, and effectively avoid energy waste, according to the actual demand of user with the least amount of heat to achieve the best effect of heating. Through the wireless controller ZigBee network, problems of energy waste and inadequate heating etc appeared

today, with its novel design and good application prospect, big use value , It must be widely used.

## References

- [1] Wu Renjie. Based on ZigBee Intelligent Household Saving Energy Control System Design. *Computer Measurement & Control*, 2012.20(7): 1818-1820.
- [2] YANG Tao, WANG Bo, WANG Ping, DU Zongwei. Design of Wireless Security Monitoring System Based on ZigBee and ARM. *Agriculture Network Information*.2011.(11):26-29.
- [3] DAI Guang - xian. Study of Mine Shaft Personnel Positioning System Based on ZigBee Technology. *Coal Technology*. 2012.1(31):106-106.
- [4] ZHANG Yongqiang, XIAO Jun, FU Qiufeng. An applied reaserch of heating meter and intelligent temperature control based on ARM. *Industrial Instrumentation & Automation*, 2010 (1):55-56.
- [5] Yang Linnan, Gao Lutao, Lin Ersheng. Intelligent diagnose system of diseases and insect pests in sweet corn based on mobile terminal with Android system. *Transactions of the Chinese Society of Agricultural Engineering*, 201.(9):163-164.
- [6] Li Changfeng Teng Guoku Chang Chuang. Design of Wireless Sensor Networks of Gateways Based on ZigBee. *Computer & Digital Engineering*, 2011.7 (39):150-153.
- [7] Song Xiaoqian, Zhou Dongsheng. Development and Research of Application Based on Android Platform. *Software Guide*, 2011.10(2): 104-106.
- [8] Wang Ligang, Mu Haiwei, Liu Shiqing. Research and Design of Embedded Indoor Intelligent Temperature Controller. *Journal of Northeast Forestry University*.2009.(6):64-65