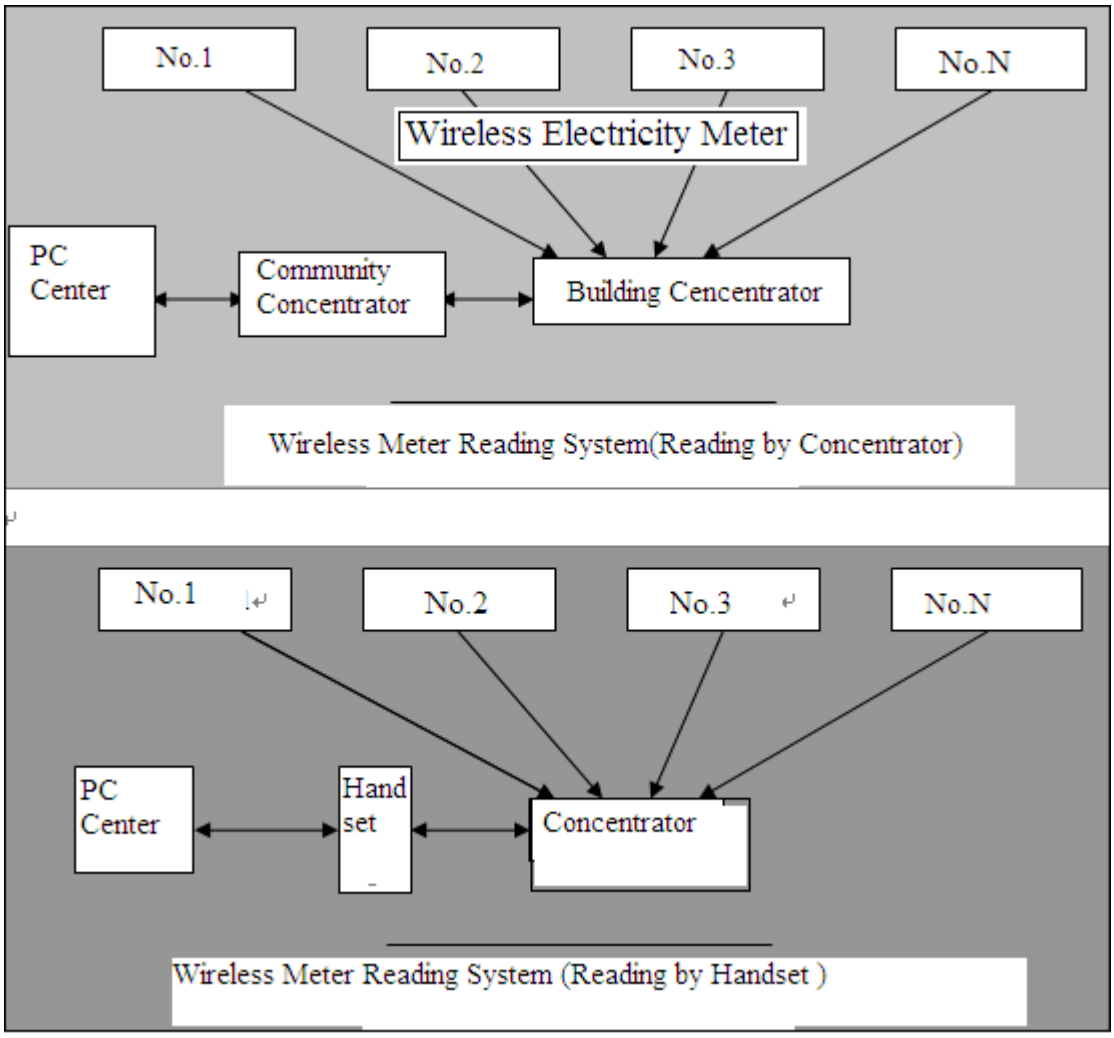
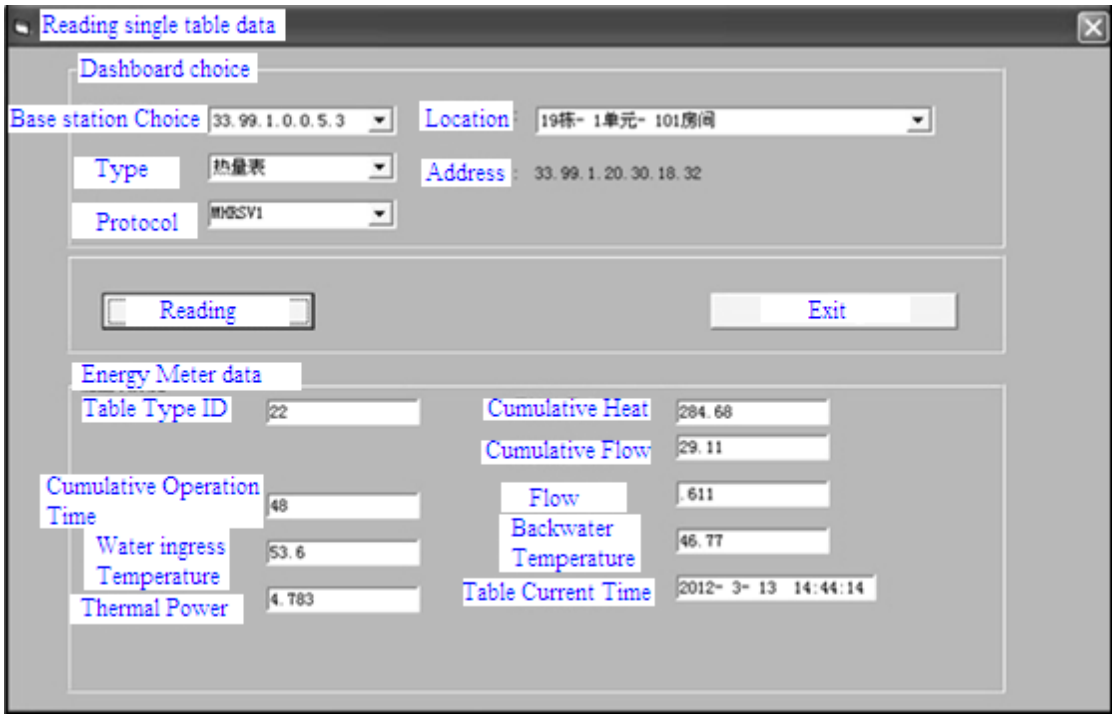
The wireless communication solution of Intelligent electricity meter

Wireless meter reading system -- components:

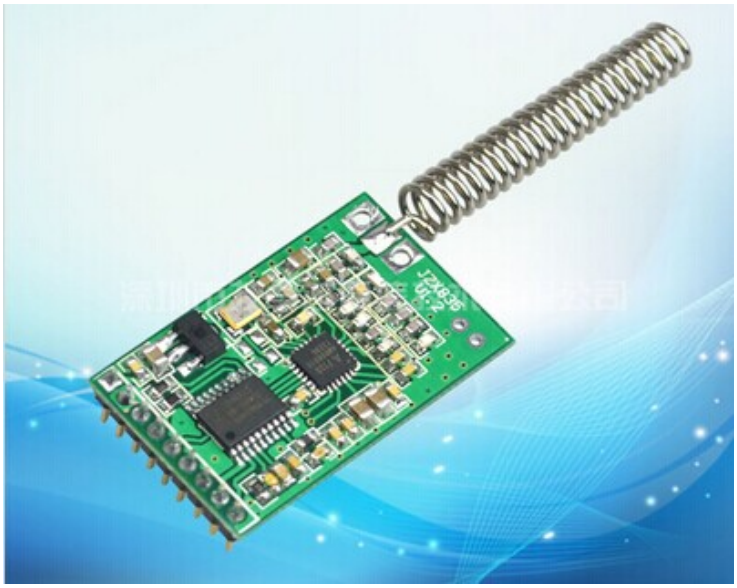
It consist of computer center management software, collection terminal and wireless network.The structure diagram is as follows:



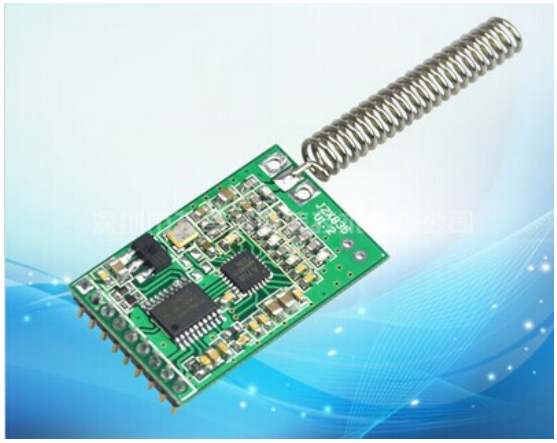
Upper computer Control system:Installed in the control room’s computer.



Upper computer Center module:By connecting between 232bus and computer.Upper computer Control system can communicate with the center by 232bus.

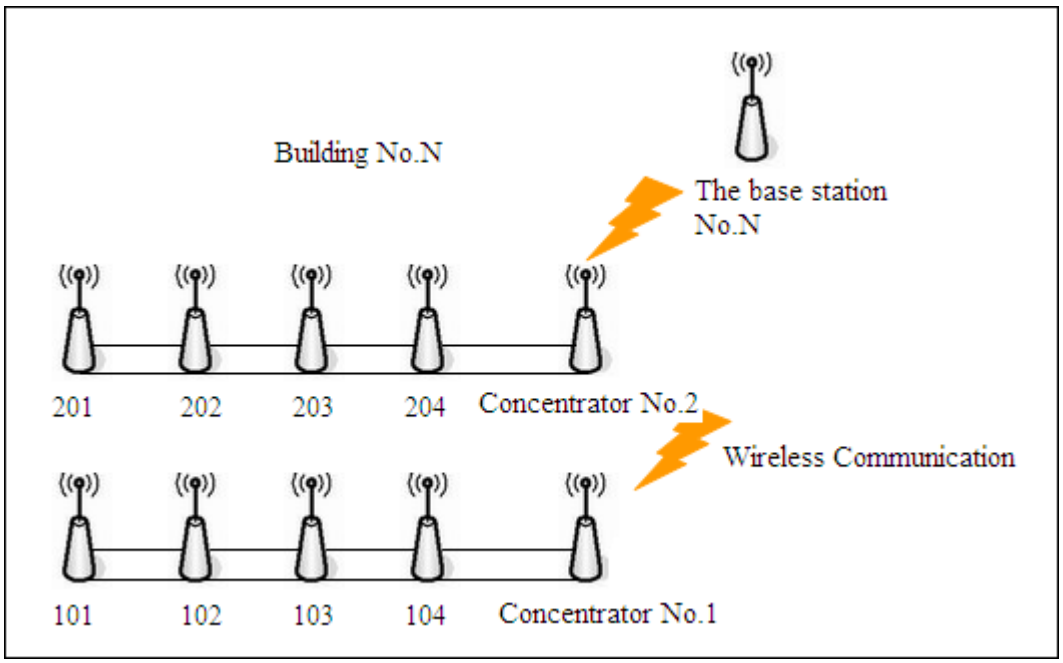
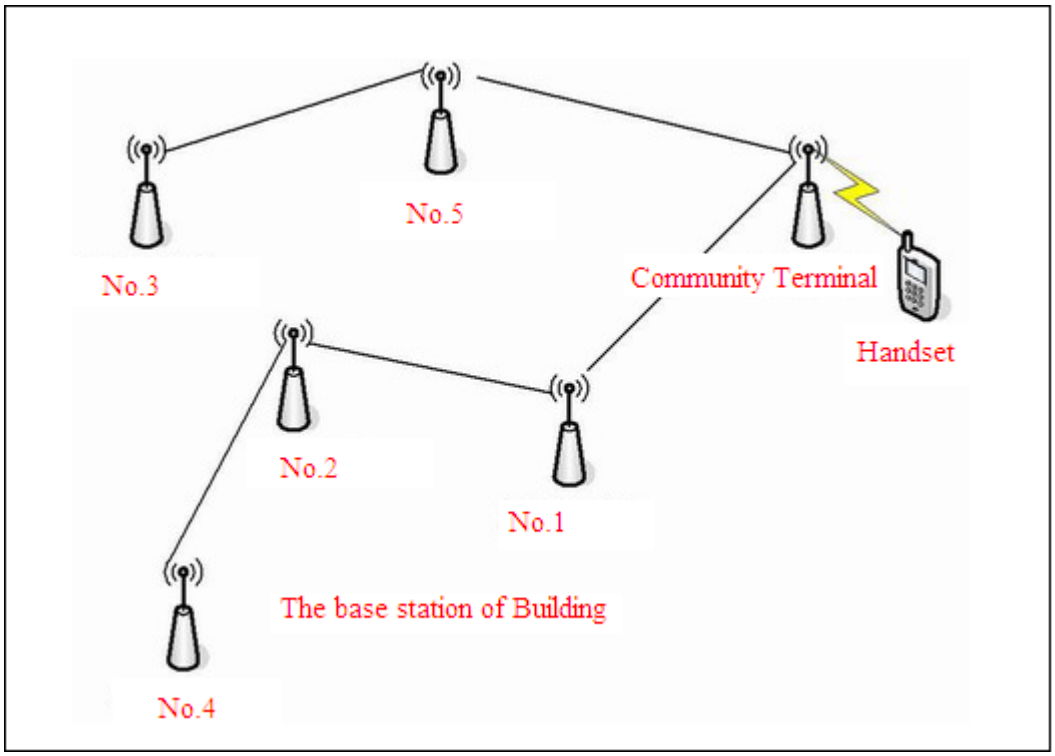


Collector:Installed inside the electrical box. The collector is mainly responsible for monitoring the working state of electricity meter and the collecting of the electricity consumption, as well as communication with the upper center.



Wireless Network:Wireless network is divided into two parts: the internal network and the base station network.

(1)The internal network:



(2) Base station network: