



### Auto Meter Reading System

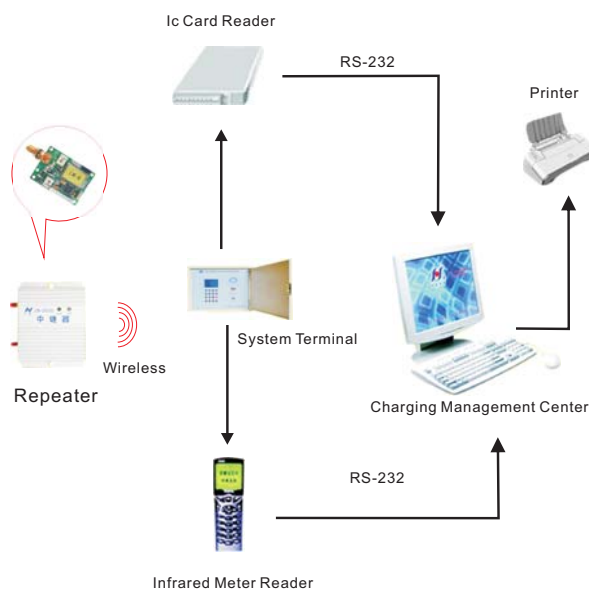
#### Working principles of Wireless water meter

With an additional special sensor, the wireless water meter is re-engineered from the common wet rotor water meter to realize the function of timely converting the meter's rotation speed into electric pulse signal and sending all the signals to the CPU of data collection module for processing. All of the various data signals processed by the CPU will be stored and recorded by the memory and then sent to the system terminals regularly by the RF transmission circuit.



#### Working principles of repeater

wireless repeater still can transmit the wireless (Tele-transmission) water meter's signals, even if the faraway distance between wireless (Tele-transmission) water meter and terminal system or wireless (Tele-transmission) water meter launch come cross the large buildings block the signal. It also can base on the needing to set up the second repeater.



#### System terminal

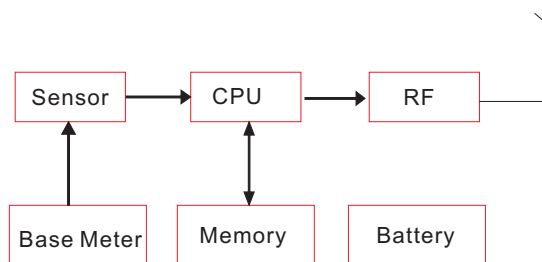
It is used to categories, process and stores all calculation and state signals sent by individual data collection modules. It also inquires about the status of meters and data collection modules in different households. And then it displays the information in characters on a monitor. It can also be connected to the back-end computer through IC Card of Community Central Server to conduct integrated (Tele-transmission) meter reading, status inquiry, data processing and analysis.



Wireless water meters installed on tube-wells



Wireless systems installed in the stairwell



**PARTER:**