



Talent Prepaid

- Diameter Size: Up to DN 300**
- Working Pressure: 10bar**
- Flow Rate: 5 - 312.5m³/h**
- Water Temperature: 5 - 55°C**
- With IC card and software**
- Body material: Ductile Iron**
- Power supply: Built-in lithium battery DC 3.6V**
- (Lifetime over 6 years)**
- Protection class: IP67**



In order to solve the problem of difficult charging for water supply departments in most areas at home and abroad, this product was developed. Its biggest feature is to pay first, then use water. When the balance in the water meter is zero, the valve automatically closes until the user completes the recharge again.

The emergence of prepaid water meters has greatly reduced the workload of the water supply management department, and also avoided user complaints or disputes caused by meter reading errors and forgetting to read meters.

The operation of the prepaid water meter is very simple. When the water meter is installed,

First, the user needs to go to the payment office of the relevant water management department to go through the water meter account opening procedures;

The manager will issue an IC card to the user and open an account and recharge;

After completing the recharge, the user can use the IC card to swipe the water meter and it can be used normally.

When the remaining amount in the water meter reaches the alarm value or is zero, the water meter will automatically close the valve to remind the user to recharge and pay.





Features



Magnetic attack protection function

When the water meter is attacked by an artificial magnetic field during normal use, the water meter will automatically close the valve within 1 minute, and the liquid crystal display is faulty. When the magnetic field disappears, the water meter will automatically return to its normal state within 1 minute to solve the problem of man-made magnetic attacks.



Battery under voltage protection function

When the battery voltage of the water meter is lower than 3.0V, the water meter will automatically detect the under voltage and the valve will automatically close to remind the user to contact the management department to replace the battery.



Anti-hoarding water volume function

In order to prevent man-made hoarding of water, the upper limit of the purchase of water can be set through the parameter setting card, which is set by the local water management department as needed.



IP68 protection function

The electronic part of the water meter is fully potted with a special waterproof material, and the protection level reaches IP68, which greatly improves the reliability and service life of the product.

LCD display function



The LCD screen displays the amount of water used, the amount of water purchased, the amount of remaining water, the remaining amount, etc., allowing users to clearly grasp the water situation of their own households.

Data encryption function

The module data of the water meter adopts a high-security encryption algorithm, the water meter and the IC card are bound to each other, and the smart IC card is used as the information carrier, which has strong confidentiality and anti-interference.



Steel water price function

The system of categorized metering and charging for water users and progressive over-quota price increase can be flexibly adjusted according to different management needs.



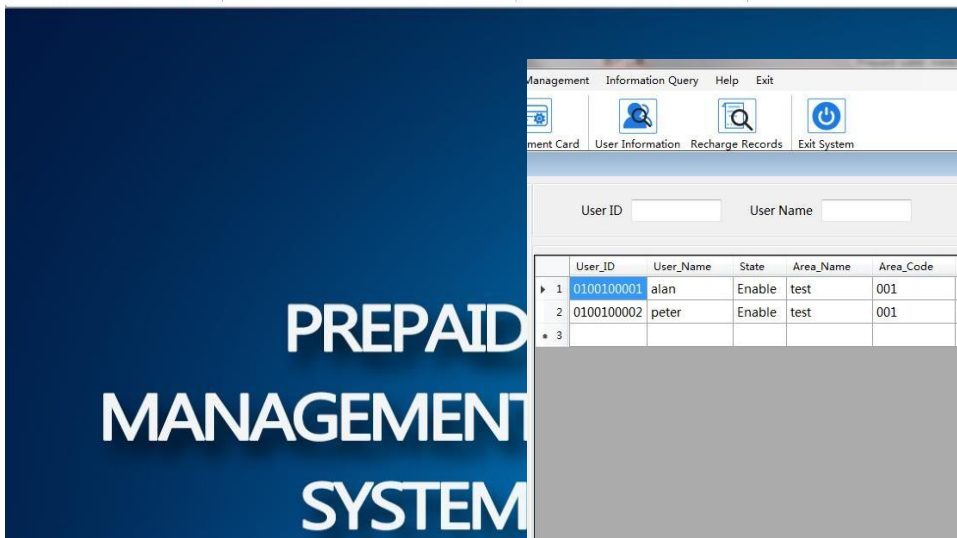
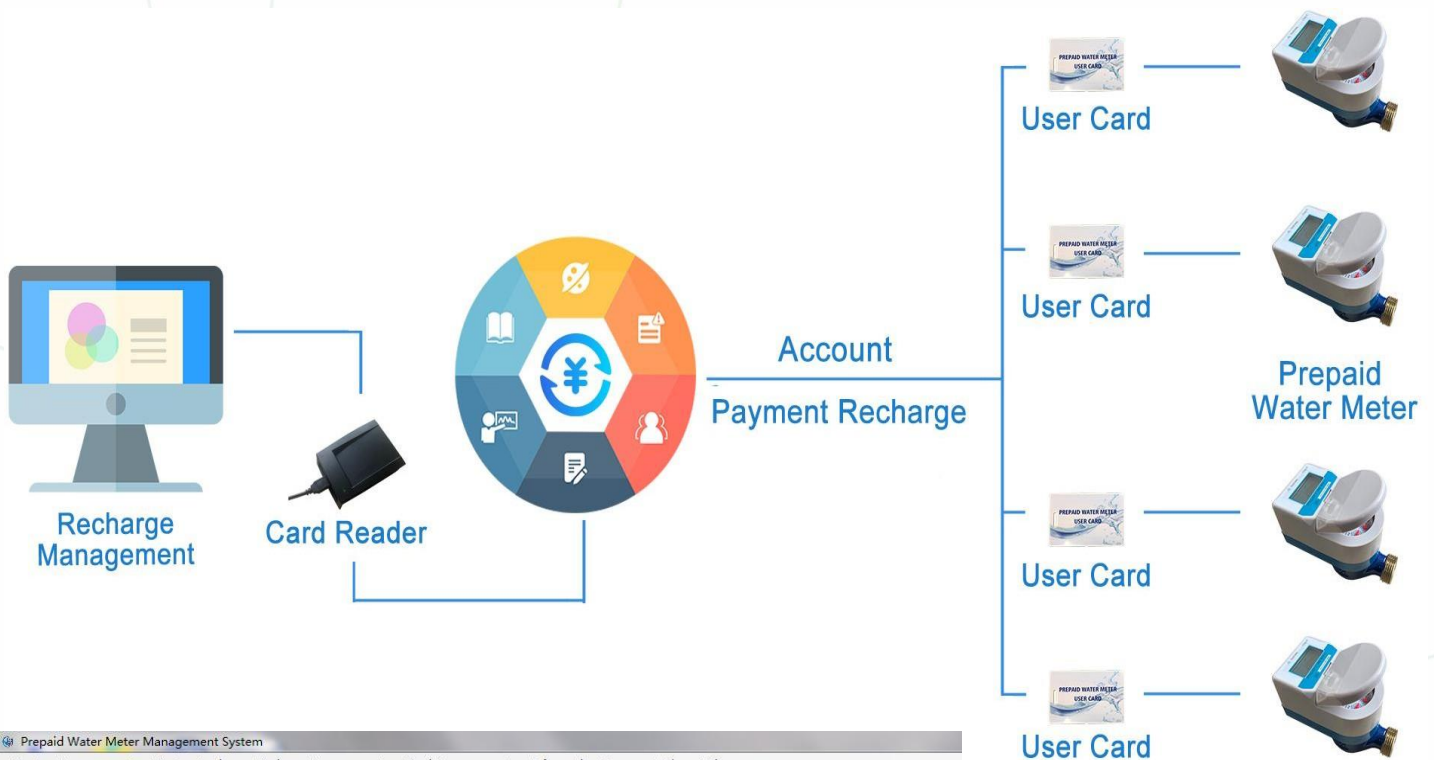
Regular dirt removal function

The water meter will automatically open and close the valve every month (3 times a month) to prevent the valve from being unable to open normally due to the scale on the surface of the valve caused by the long time the valve is not turned on and off.



Solutions

The control of the IC card is realized by the card reader and IC card charging management software, and the operation is generally completed on the computer in the control center. The whole set of intelligent IC controller adopts non-contact radio frequency card, and its radio frequency reader is a kind of non-contact IC card reading and writing device. The data transmission between the reader and the radio frequency card adopts encryption algorithm, and the card and the device are mutually authenticated. Communication errors are automatically detected and connected, and the recharge history can be inquired. Energy supply units can centrally issue cards, recharge, and consume, and can accurately record the time and amount of recharge each time, and can query and print reports in real time to ensure transparent and safe operations.



Management Information Query Help Exit

Management Card User Information Recharge Records Exit System

User ID User Name State Enable Date opened

	User_ID	User_Name	State	Area_Name	Area_Code	User_Address	User_Tel	ID_Card_Num
▶ 1	0100100001	alan	Enable	test	001			
2	0100100002	peter	Enable	test	001	China test	12345678910	
• 3								





- Various water prices can be set; it can set different water prices to avoid insufficient water prices.
- The receipt printing template can be configured; You can configure a variety of different receipt printing templates, and you can choose to print the receipt template.
- Management card can be configured; You can configure the use rights of the management card, and open the management card production function to the administrator appropriately.
- Software Free Installation; The user does not need to perform complicated software installation, just copy this software and open and use it directly (except for card reader driver installation).
- Differential price function Program setting in the water meter: The monthly charge rate for cumulative water consumption is calculated according to the differential price, and it will be reset automatically next month.

Software functions:

- System management: change password;
- System settings: Scene setting, operator setting, permission setting, price settings, backup setting, data recovery;
- Business management: user management, user recharge, Reverse;
- Card management: Identify card, format card, management Card;
- Information query: user information query, recharge information query, total sales statistics, query anomalies;
- Help: Help, About;
- Exit system