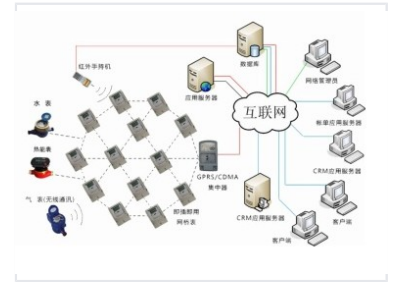


Electricity Meter with Remote Monitoring

This electricity meter integrates into a networked system for remote reading and management. The system facilitates remote monitoring and management of utility consumption through wireless communication and a central concentrator.



System Overview

Advanced Remote Metering Solution

This intelligent metering system provides a comprehensive solution for remote utility management, supporting electricity, water, heat, and gas metering. By utilizing wireless communication to link meters with a central GPRS/CDMA concentrator, the system enables seamless data transmission to application servers and databases. This architecture allows network administrators and clients to monitor consumption patterns efficiently via a centralized web-based interface.

System Capabilities

Installation Type

Plug and Play

Supported Meter Types

Electricity, Water, Heat, Gas

Connectivity

Communication Technology

- Wireless Meter Communication
- GPRS Concentrator
- CDMA Concentrator
- Internet Connectivity

System Architecture

Core Infrastructure Components

Component	Function
Concentrator	Aggregates data from wireless meters
Application Server	Processes and stores utility data
CRM Server	Manages client and billing information