

## Ultrasonic Gas Meter

### Main features

- No movable parts, long life-time
- Flow range: G1.6 to G25.
- Low starting flow, drip metering, ratio R: 250 @ residential; 350 @ industrial & commercial
- Remote valve control, self-networking and pre-paid function
- Dual power supply: dry battery and adapter
- IP65, unique case design, meets the demand for outdoor mounting
- Micro-power consumption, dry battery with 1 year life-time
- Ultra-thin meter body, small volume, light weight, easy installation and minimized pressure loss
- High capability of self-test, monitoring on micro leakage, over flow, low battery and etc.
- Support to save daily data for 90-day and monthly data for 2-year, no data loss under power failure (battery replacement)
- Support for multiple interfaces (M-Bus, RS-485, Infrared, Short range wireless and NB-IoT)
- Safety, no dismount; Information security, command encryption

### Core technology

- Optimization through complete simulation and practical validation of gas flow, pressure loss and other parameters.
- Design and production capacity of core modules including transducer, temperature sensor, metering circuit and etc.
- Ultrasonic flow modeling, testing, and mass production based on instantaneous flow
- Multiple patents

