

TECHNOLOGY

**HOLYKELL**<sup>®</sup>

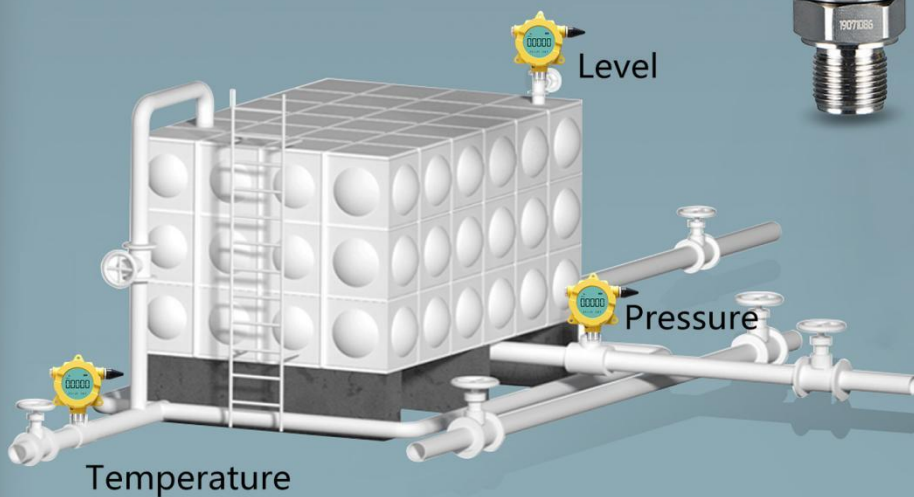
## The Future Trend

### --New Generation Of Smart Meters

Scan the code by WeChat



Users Experience  
Account / Password  
testholykel/test1234



**HOLYKELL TECHNOLOGY COMPANY LIMITED**



H2601

Explosion-proof

Wireless pressure gauge

- Using high-precision diffusion silicon crystal
- 200% FS overload design
- Corrosion and impact resistant 316L isolation diaphragm
- Ultra-low power design, can be used for 5 years
- Remote parameter monitoring and remote configuration supported



H2602

Explosion-proof

Wireless Thermometer

- High-precision PT100 / PT1000 temperature measurement
- Meticulous iron-sand filling, more sensitive to temperature
- Integrated / split design, flexible temperature measurement
- One-click mobile phone remote monitoring



H2603

Explosion-proof

Wireless Level Gauge

- Integral molding and high sealing
- Impact resistance and anti-clogging pressure hole design
- All stainless steel probe design
- Various remote alarm methods such as WeChat, SMS



H2604

Explosion-proof

Wireless Water Quality Meter

- Support TDS / TOC / COD online detection
- Sampling design with dual detection channels
- Automatic temperature compensation, higher accuracy measurement
- Remote monitoring water quality information by mobile phone, computer



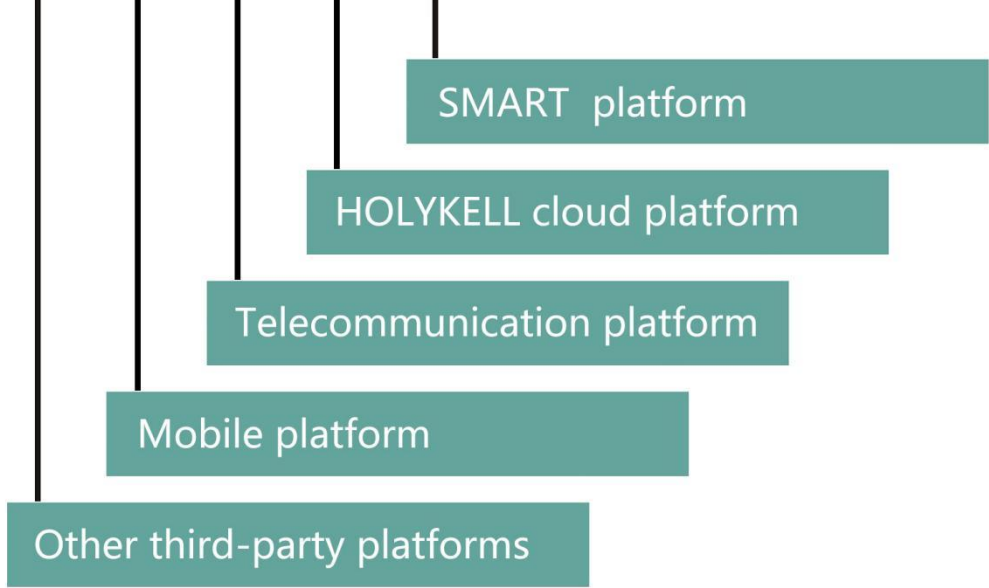
H2605

Explosion-proof

Wireless gas sensor (NH3, CO2 gas, etc.)

- Industrial level gas detection chip, durable
- Collect HCHO, NH3, CO2 flammable gas, etc.
- Explosion-proof, dust-proof and waterproof
- Remote monitoring, unlimited distance

NB-IOT  
GPRS 4G  
LoRa



## Application software

(support Web, applet, public account viewing)

### Applets [Smart Platform]

Free installation, scan code to add equipment



### Real Time Monitoring

Value / Power / Signal / Flow / Curve, etc.



### Alarm System

Support WeChat / SMS / Mailbox Alarm



### Equipment Management

Scan code to set, preview, manage equipment

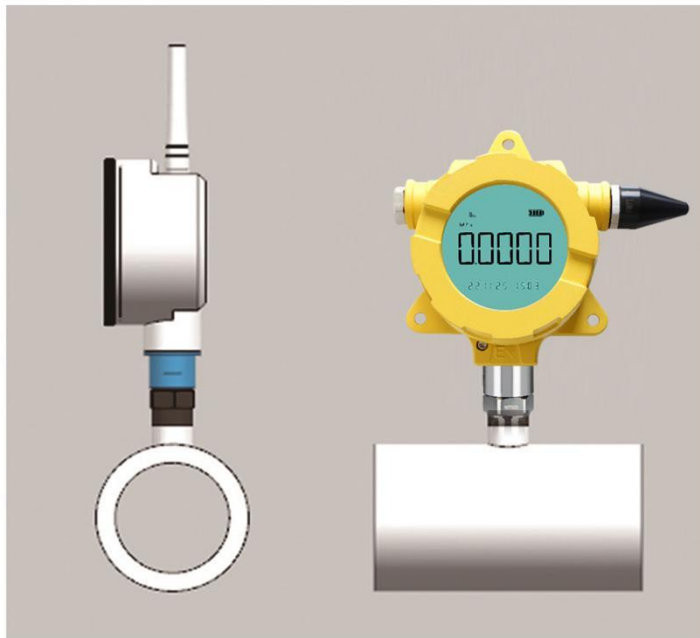


### GIS Map

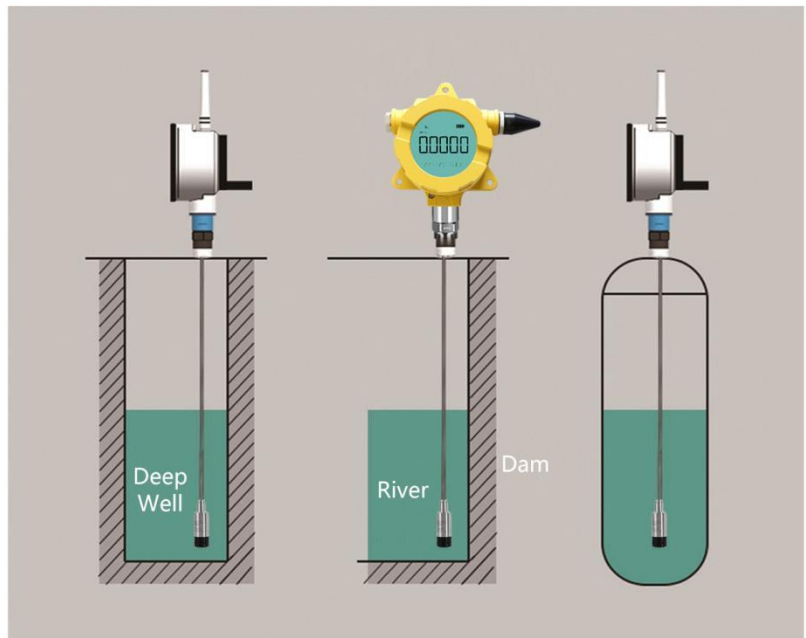
Device positioning, track playback



## Installation Display :



Wireless Pressure & Temperature Gauge

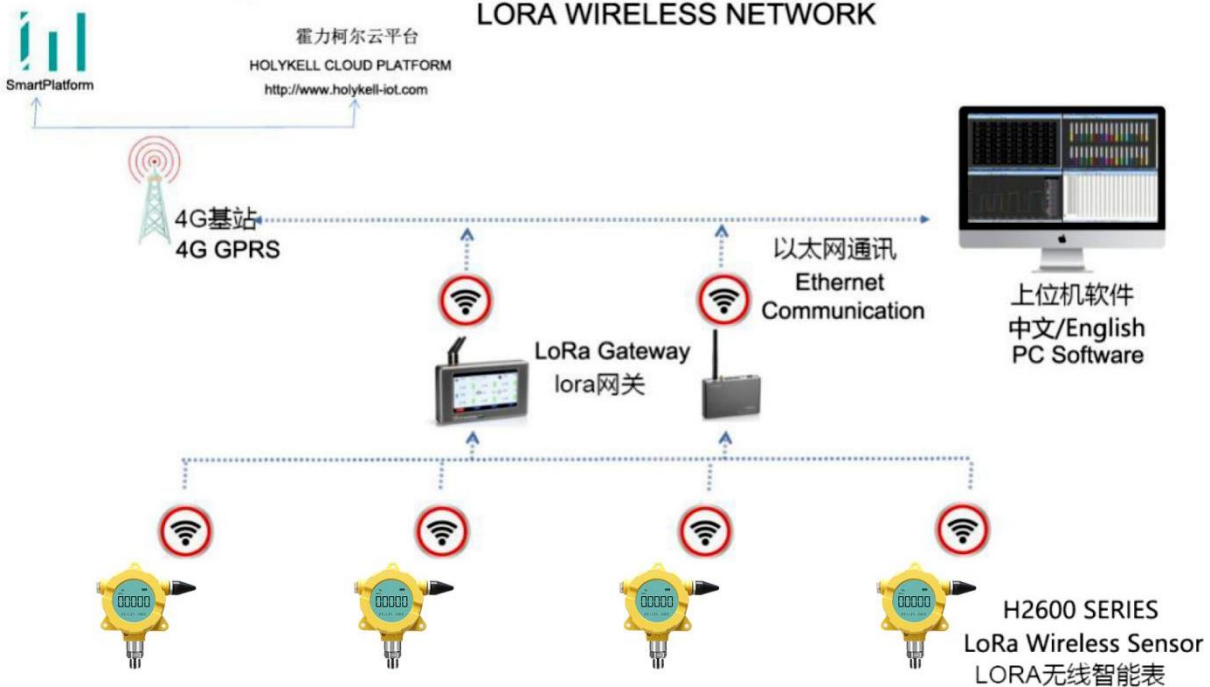


Wireless Level & Water Quality Meter

# HOLYKELL Wireless Network Topological Graph



## LORA WIRELESS NETWORK



# Main parameters of wireless smart meters

## Sensor Parameters

- Pressure sensor : 0 ~ 100MPA optional
- Liquid level sensor : 0 ~ 50m optional
- Temperature sensor : Integrated one -200 ° C ~ 200 ° C; Split one 200 ° C ~ 800 ° C
- Water quality sensor : 0-2000PPM
- Gas sensor : Please consult customer service for specific gas

## Configuration

Configuration method : Local USB / Remote configuration

## Power Supply

Power supply : ER34615 Size D lithium-ion battery 3.6V@19Ah,  
gas type sensor is always powered by 8-28V

Battery life : 5 years for waterproof models; 6 years for explosion-proof models (-once per hour)

## Data Transmission

Communication standard : Global Connect version requires special instructions, GPRS; 4G (Full Netcom),  
LoRa (Holykell version)

Wake mode : Timer, button, alarm wake up

Upload information : Pressure / Level / Temperature / TDS (water quality) / Gas, battery level, network status,  
SIM card number

LoRa data transmission distance: 2~3km

## Display

LCD screen

## Others

Protection level : Waterproof IP66, Explosion-proof IP68 explosion-proof grade Exia IIC T6 Ga

Installation : Vertical and horizontal installation

Certificate : CE, ROHS, IP66, IP68, Explosion-proof certificate

Weight : Waterproof model is about 0.5KG (meter header); Explosion-proof model is about 1.5KG (meter header)

## Wireless smart meter software platform functions

- LoRa PC software support
- NB-IOT network connection platform
- Supports key wakeup, USB wakeup, and timed automatic wakeup
- More than 110,000 pieces of historical data storage, automatic cycle storage
- Support USB setting and data export (PDF, CSV format)
- Support over-limit alarm (immediate over-limit report)
- Support sensor value correction
- Support platform remote setting
- Support code scanning one-click connection of platform
- Support breakpoint resume

Tel : +86-731-89873265

Fax : +86-731-89873646

Email : info@holykell.com

Web : www.holykell.com

Add : No.100 LuYun Road, LuGu, Changsha 410205, Hunan China.