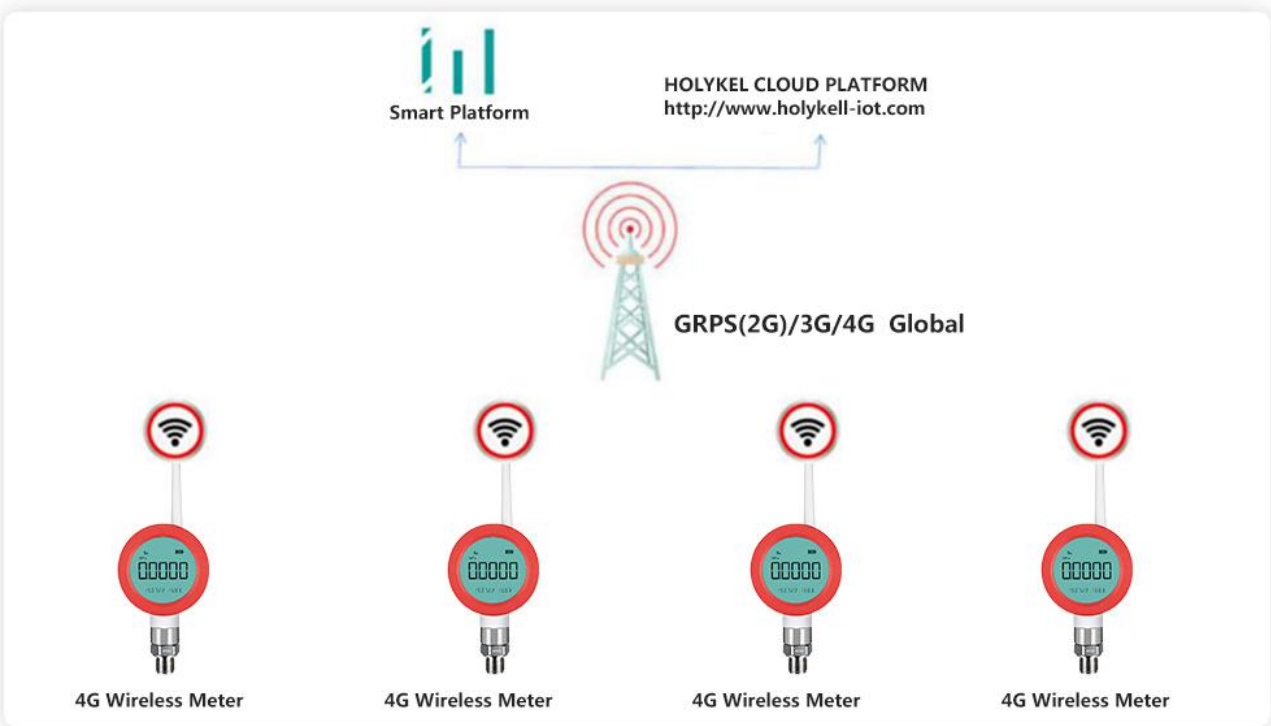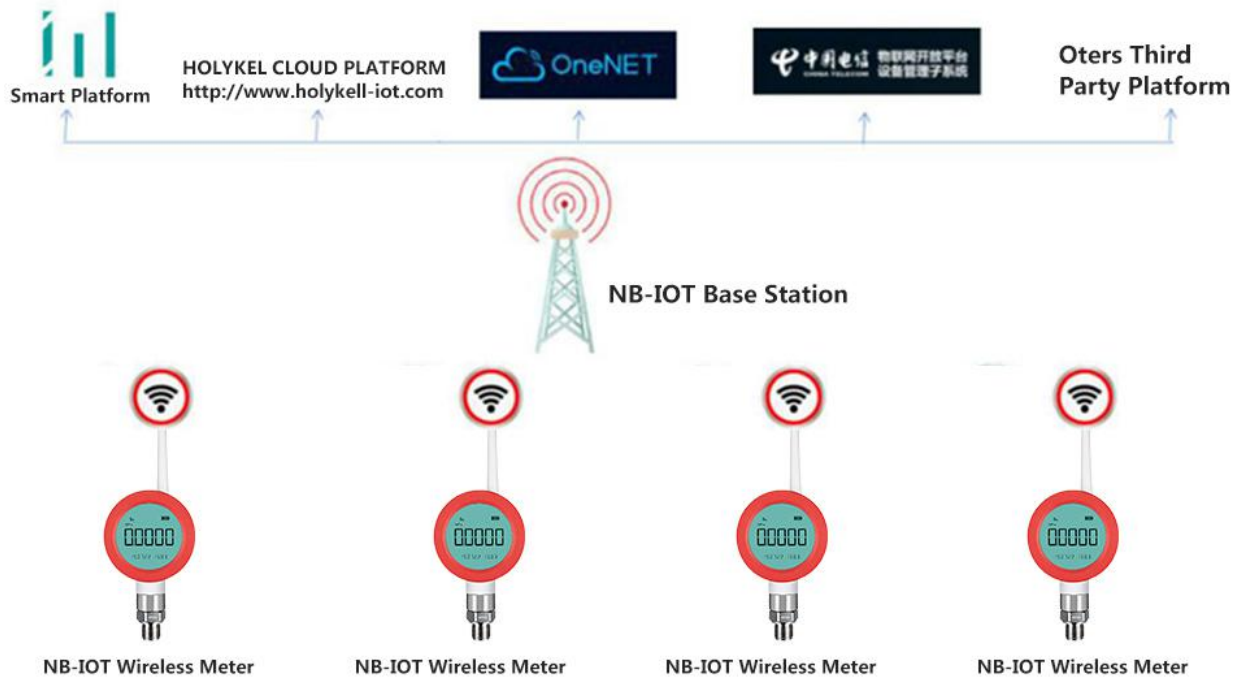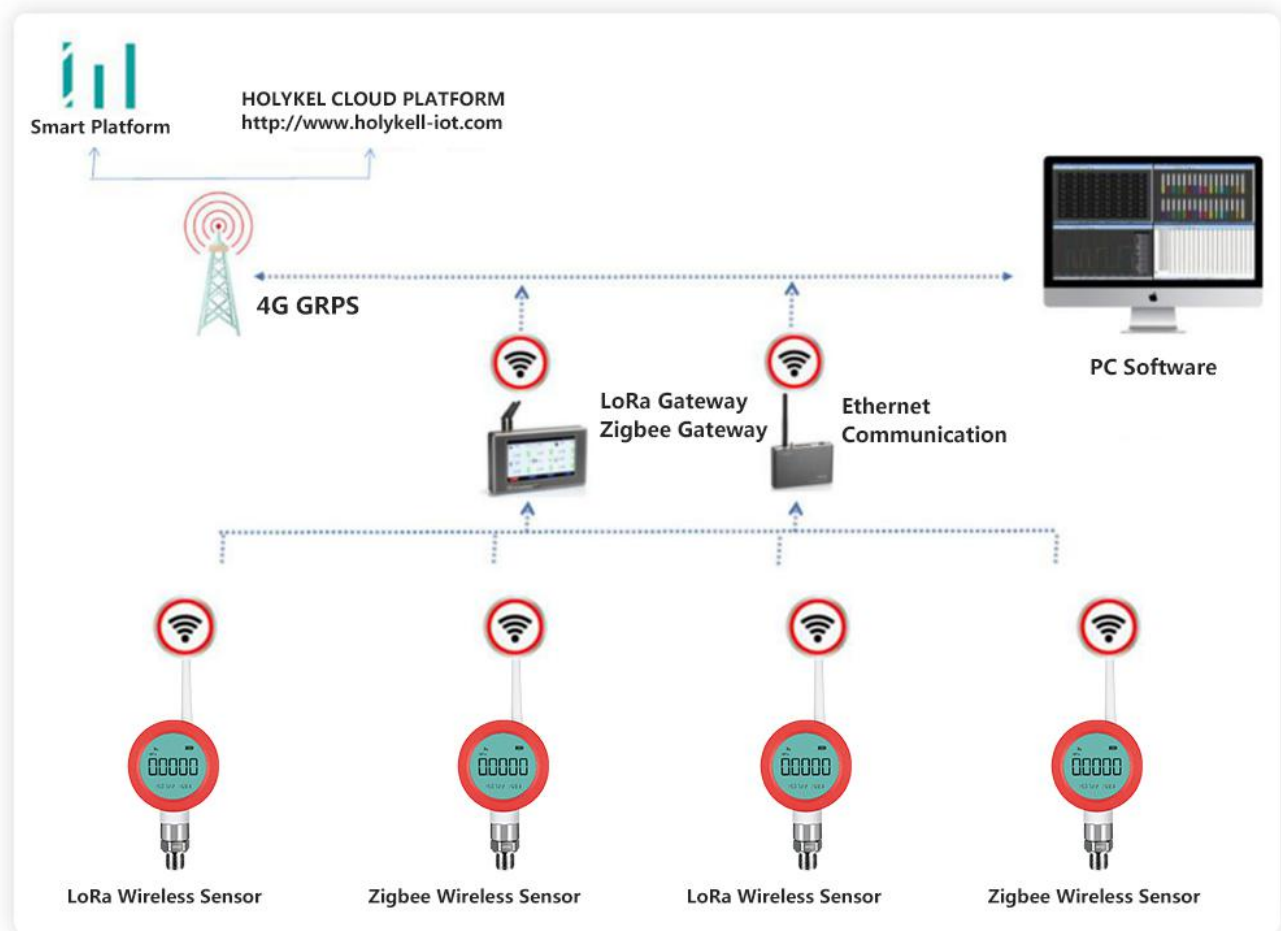**HOLYKELL Smart Wireless Solution New Arrival**

Wireless Sensors Apply In the field of Industrial & Agriculture

With the continuous optimization of wireless technology, **wireless pressure sensors**, **wireless level sensors** and **wireless temperature sensors** are widely used for remote monitoring of various adverse conditions. Based on the mature **IoT cloud platform** architecture and a variety of wireless transmission signals (NB-IOT, LoRa, 4G, Zigbee) can meet the needs of most measurement environments. According to the different use environment, those wireless sensor with standard and explosion-proof respectively, so as to meet the measurement needs of different media and fields. Unique low-power battery power (5 years) technology and automatic cycle storage can improve work efficiency and save costs. Remote monitoring of water (oil) level information on mobile phones and computers is the best wireless monitoring solution.

Smart Platform

HOLYKEL CLOUD PLATFORM
http://www.holykell-iot.com

OneNET

中国电信 物联网开放平台
CHINA TELECOM 设备管理子系统

Oters Third
Party Platform

NB-IOT Base Station

NB-IOT Wireless Meter

NB-IOT Wireless Meter

NB-IOT Wireless Meter

NB-IOT Wireless Meter

Smart Platform

HOLYKEL CLOUD PLATFORM
http://www.holykell-iot.com

GRPS(2G)/3G/4G Global

4G Wireless Meter

4G Wireless Meter

4G Wireless Meter

4G Wireless Meter

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 : Waterproof 3.6V@8500mAh (two sections); Explosion-proof 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 : NB-IOT (full Netcom), 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 distanec: 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, ROSH, 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 suppot

■ 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