



R900/N900 Series

Water Quality Monitoring

R900 Series : LoRaWAN

N900 Series : NB-IoT

R900PD01

Wireless 3-in-1 Water Quality Sensor

R900PD01 is a widely used integrated device for monitoring water conditions. It provides real-time data on water turbidity, pH, and residual chlorine. With its compact design and easy installation and maintenance, it's ideal for continuous online water quality monitoring.



Turbidity

0 to 1000NTU

pH

0-14PH

Residual Chlorine

0 -10mg/L

New Features



Support 7 Different Mounting Types



NFC App For Easy Configuration



Large Memory for 10000 Packets of Data



ER18505 for Longer Battery Lifetime



Connected 4G Camera for IoT Visualization



Optional Transmission Protocols

Threshold Alarm



Wireless linkage with
R603



Digital output triggers
WA08



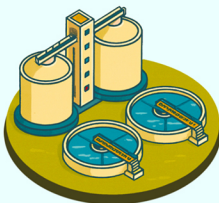
Digital output triggers
3rd-party device

↑ Above the Threshold

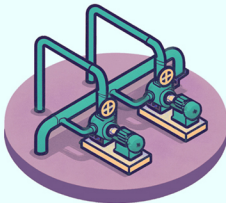
↓ Under the Threshold

Applications

PURIFICATION PLANT



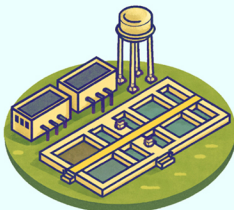
PUMPING STATION



WATER TREATMENT

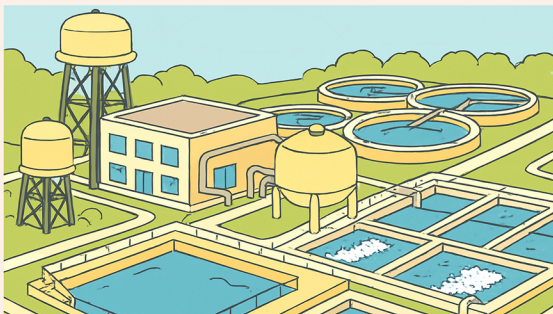


SEWAGE TREATMENT



- ◆ Ensure proper residual chlorine levels (effective disinfection), stable pH, and low turbidity.
- ◆ Continuously monitors long-term trends in water pollution levels
- ◆ Enables remote data transmission, alarm notifications, and trend analysis
- ◆ Can be integrated with IoT platforms (LoRaWAN, NB-IoT)

See, Hear, and Link



When the R900PD01 detects turbidity, residual chlorine, or pH values exceeding or falling below their thresholds...



WA08

Wifi / 4G Camera



R603

Wireless Customized
Voice Announcer



3rd-party device



See

Capture and send
image of objects.



Hear

Sound custom
alarm to notify
people.



Linkage

Get 3rd-party device
connected through
digital output.