Shenzhen Qianhai Lensen Technology Co., ltd

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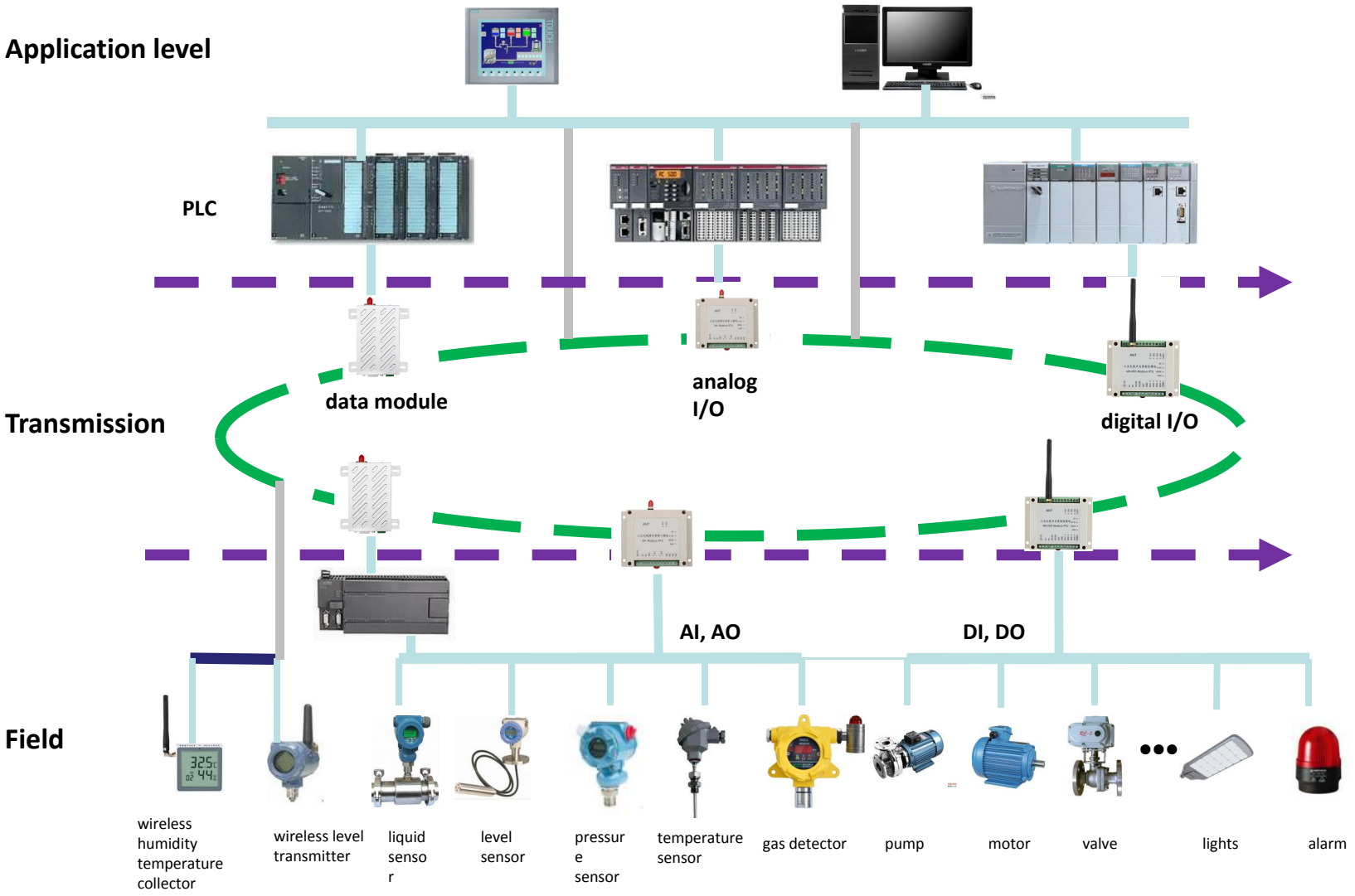

Application level
PLC
Transmission
data module
analog
I/O
digital I/O
AI, AO
DI, DO
Field
wireless
humidity
temperature
collector
wireless level
transmitter
liquid
senso
r
level
sensor
pressur
e
sensor
temperature
sensor
gas detector
pump
motor
valve
lights
alarm

The advantage of using wireless

Cost-effective measurement solution

- Low cost of deployment, no wires, no trenching, no conduit, etc…
- Low cost of operations with limited maintenance

Easiest to install and use

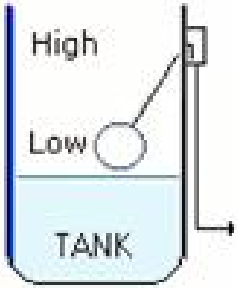
- Fully integrated power, communications and instrumentation
- Easy to mount on any structure, quick configuration

Radio based, no need internet and monthly fee

GPRS based, no limit of control distance

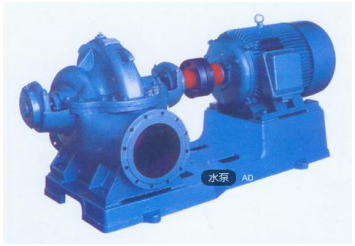
Lensen Water Tank Wireless Control System

Water Tank



LS-RDIO0202

LS-RDIO0202



water pump

Tank side

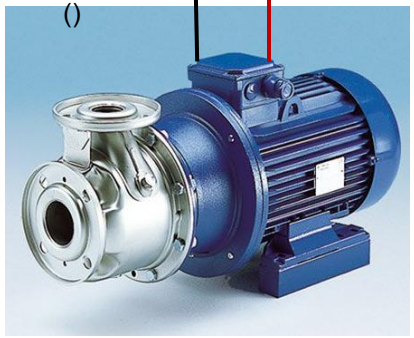
when water level low, pump on
when water level high, pump off

pump side

DC 24V

AC 220V (+live)

AC 220V
()



Advantage

No parameterization nor programming required

No Internet, Transparent I/O System

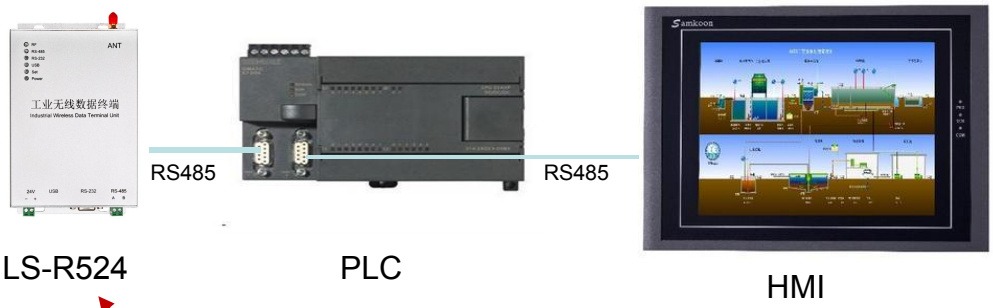
No Third party cell, No monthly fees

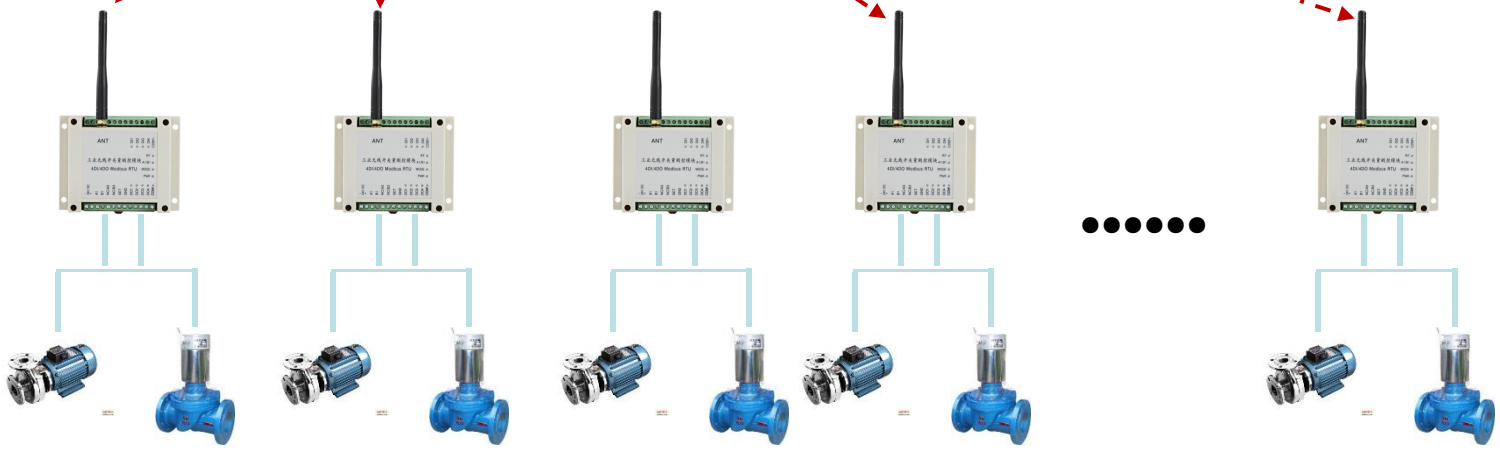
You have full control over your own carrier

Real time status feedback from the remote site

Fast installation and easy setup

Pump Station Wireless ON-OFF Control System





LS-RDIO0202 **Slave 1**

LS-RDIO0202 **Slave 2**

LS-RDIO0202 **Slave 3**

LS-RDIO0202 **Slave 4**

LS-RDIO0202 **Slave 80**

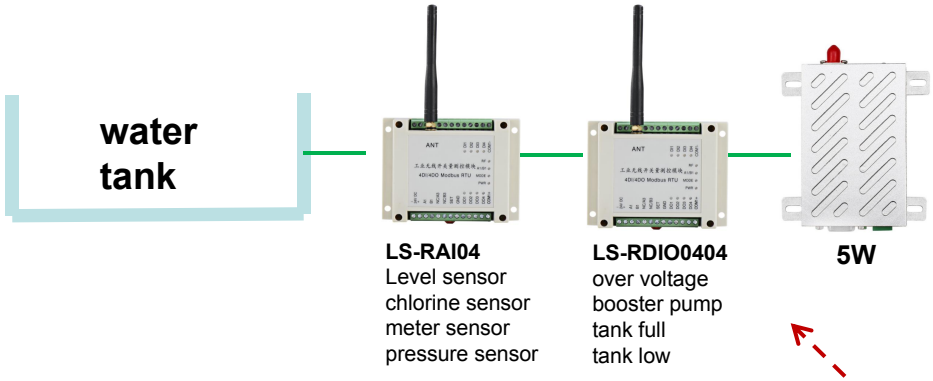
pump stations wireless control system

1. Control center
   one PLC and a HMI for display, connects a wireless DTU

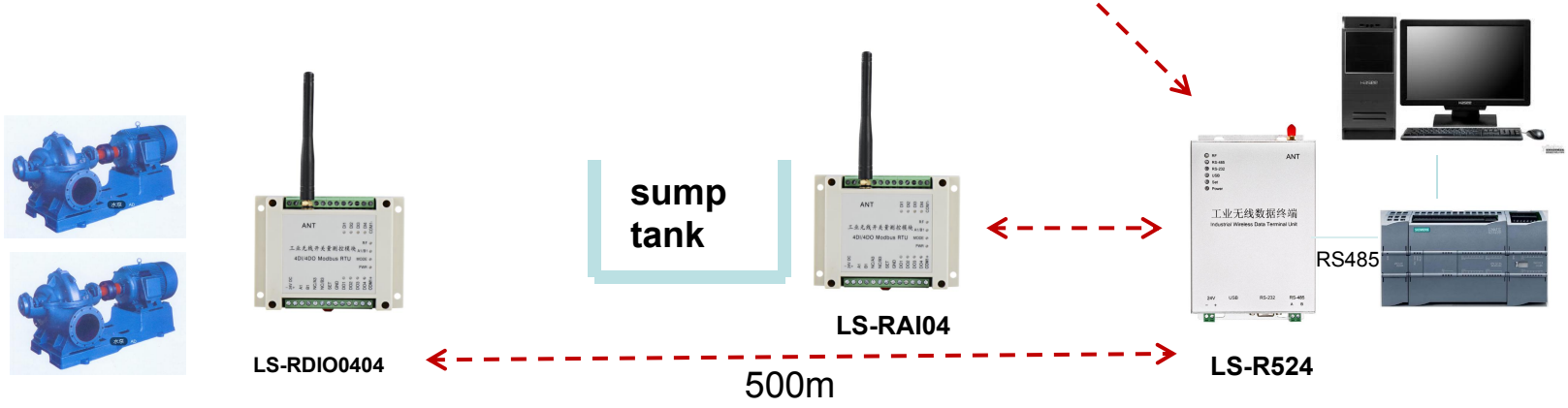
2. at Field
   There are 80 stations totally. Each place there is 2 pumps. using our LS-RDIO0202 which has 2 relay output

3. Function
   Users can monitor and control each pump respectively

Lensen Water Purify System



4km



Water purify system

1. control room
   PC, PLC connects a wireless DTU

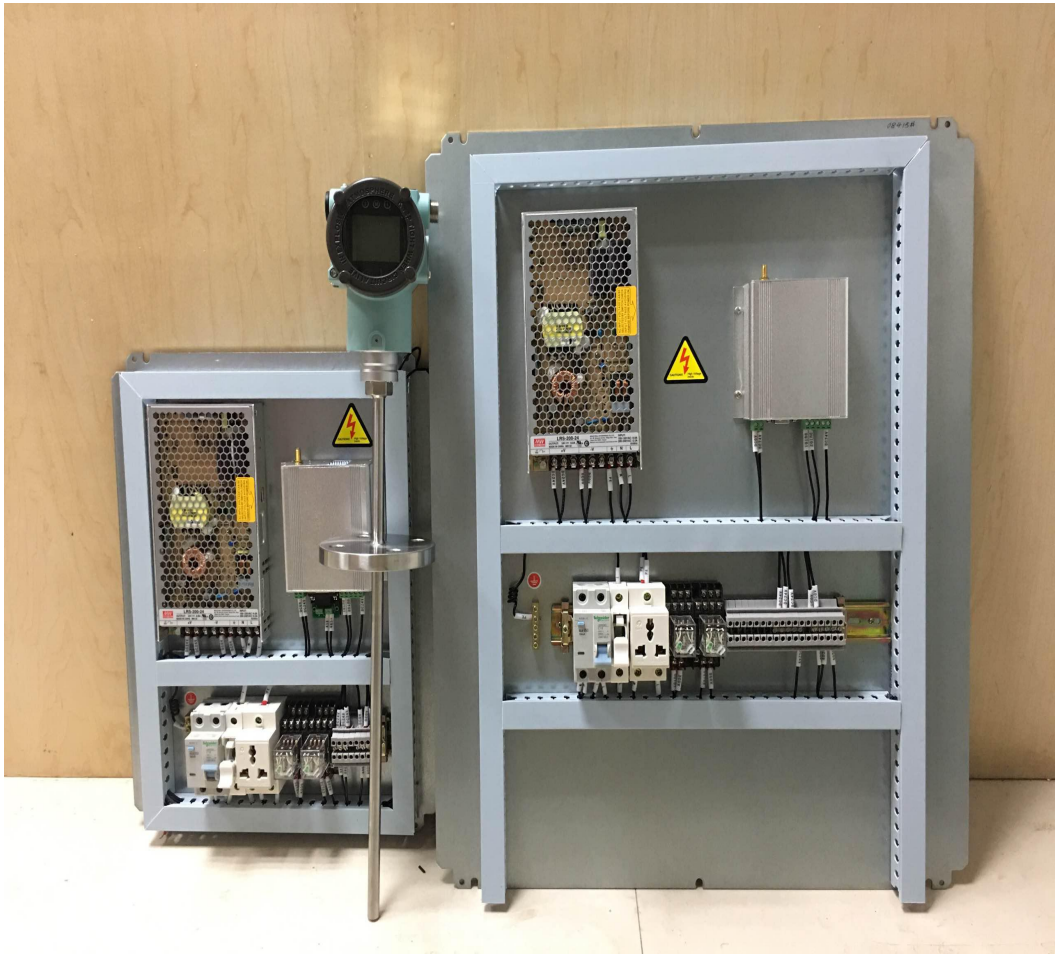
2. water tank
   to collect some sensor's data (analog I/O) and some some digital I/O signals

3. sump tank
   to collect some sensor's data

4. pump station
   to control pump on-off

5. Function:
   to collect level sensor and pressure sensor's data wirelessly and decide what time to ON or OFF pump. To remore monitor water purify.


MT6103iP



What we provide

Wireless DTU: radio based (1W radio, 5W radio)
GPRS based

Wireless digital I/O module: 2DI2DO
4DI4DO
8DI8DO

Wireless analog I/O module: 2AI
2AO
4AI
4AO

HMI based software
Siemens communication program example