

R900 Series New Products Launch

Full-Scenario Wireless Monitoring,
Unlock Next-Gen Data Acquisition

Key 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

Water Quality & Environmental

R900PD05AO1

Wireless pH & ORP (Oxidation-Reduction Potential) Sensor
& 1 x Digital Output



ORP Range / Resolution

-1500 ~ +1500mV / 1mV

pH Range / Resolution

0 – 14 pH / 0.01 pH

Accuracy

pH : ± 0.3 pH

ORP : ± 20 mV

R900A02AO1

Wireless Temperature Sensor
& 1x Digital Output



Measurement Range

-40°C to +125°C

Measurement Accuracy

±1 °C

Cable Length

1000 mm

R900B01AO1/R900B02AO1

Wireless One-Gang / Two-Gang Temperature Sensor
& 1 x Digital Output



Measurement Range

-70°C to +200°C

Cable Length

2000 mm
(Customizable)



Probe Specifications

Pointed Probe

Diameter : 5 mm

Length : 150 mm

R900NAB Series

Wireless AC Current Sensor with 6 x Clamp-On CT, 4 x NTC Temperature Sensor & 1 x Digital Output



Illuminance Range

0.01 - 157K LUX
(Optional)

NTC Temperature Range

-40 ~ 125 °C

Current Measurement Range

75A CT : 100mA~75A
150A CT : 1A~150A
250A CT : 1A~250A
630A CT : 5A~630A
1000A CT : 10A~1000A
3000A CT : 150A~1000A

Level / Distance Monitoring

R900PB06AO1

Wireless Ceiling Type Ultrasonic Material Level Detection & 1x Digital Output

Measurement Range

0.25 – 8 m

Detection Angle

Approximately 20°

Measurement Accuracy

$\pm(1+S \times 0.3\%)$ cm

(S is the current measured distance)

R900PB07AO1

Wireless Lidar Material Level Detection & 1x Digital Output

Measurement Range

0.1m - 25m in 90% reflectivity
0.1m - 12m in 10% reflectivity

Detection Angle

Approximately 3°

Measurement Accuracy

± 6 cm (0.1-6m)

$\pm 1\%$ (6-25m)

Communication / Expansion Adaptation

R900PD04O1

Wireless RS485 Adapter & 1 x Digital Output



Operating Mode

Passthrough Mode
Modbus Master Mode

IP Rating

IP65