



## 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 :  $\pm 0.3$  pH

ORP :  $\pm 20$  mV

## R900A02AO1

Wireless Temperature Sensor  
& 1x Digital Output



### Measurement Range

-40°C to +125°C

### Measurement Accuracy

$\pm 1^{\circ}\text{C}$

### 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

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

$\pm 6 \text{ cm}$  ( 0.1-6m )  
 $\pm 1\%$  ( 6-25m )

## R900PD04O1

Wireless RS485 Adapter & 1 x Digital Output



### Operating Mode

Passthrough Mode  
Modbus Master Mode

### IP Rating

IP65