



Introducing the Next Generation of R900 Series

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

R900PD01AO1

Wireless Turbidity & pH & Chlorine Sensor
& 1 x Digital Output



Turbidity Range / Resolution

0-1000 NTU / 0.1NTU / 0.1°C

pH Range / Resolution

0-14pH / 0.01pH

Chlorine Range / Resolution

0-10mg / L / 0.01mg / L

R900PB03AO1

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



Measurement range

0.25 – 8 m

Detection Angle

Approximately 15°

Measurement Accuracy

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

(S is the current measured distance)

R900A17CO1

Wireless 3-Gang Water Leak Detector
& 1 x Digital Output



Detection Method

Spot Leak Detection

Cable Length

1000mm ($\pm 10\text{mm}$)

Maximum Cable Length

300 m

(theoretical value)

R900NAD 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

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

R900CD01 Series

Wireless DC Current & Voltage Meter
& 1 x Digital Output



Measurement range

Current : 0 - 200A

Voltage : 0 - 100VDC

NTC Temperature Range

- 40 ~ 125 °C

Sensor Combination Options

- 2 Current Sensors
- 2 Voltage Sensors
- 1 Current Sensor & 1 Voltage Sensor

R900PB02AO1

Wireless Soil Moisture / Temperature / Electrical Conductivity &
1 x Digital Output Sensor



Measurement Range

Soil Moisture : 0 - 100%
Soil Temperature : -40 ~ 80°C
Conductivity : 0 - 20ds/m

Measurement Resolution

Soil Moisture :
0.03% within 0-50%,
1% within 50%-100%
Soil Temperature : 0.1°C
Conductivity : 0 - 20ds/m

Measurement Accuracy

Soil Moisture :
±2% within 0-50%,
±3% within 50%-100%
Conductivity :
±0.3ds/m within 0-10ds/m,
±1 ds/m within 10-20ds/m

R900A01AO1

Wireless Temperature and Humidity Sensor
& 1 x Digital Output



Measurement Range

Temperature : -20°C—55°C
Humidity : 0%RH-100%RH

Measurement Resolution

Temperature : ± 1°C
Humidity : ± 4%RH