

Model difference letter

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Dear MET Reviewer,

This is a new Application from **Netvox Technology Co Ltd**

Model No.: **R900PB02AO1(battery powered),R900PD04DO1(adapter powered),R900PxyyyzzwHTL(Please refer to the APPENDIX I for the specific model.)**

Use **R900PB02AO1(battery powered),R900PD04DO1(adapter powered)** for all tests.Only the model R900PB02AO1,R900PD04DO1 was tested, Their electrical circuit design, layout, components used and internal wiring are identical,The specifications and quantities of external sensors vary.

Thank you for your cooperation!

Yours sincerely,
Signatory:



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APPENDIX I

R900P Wireless Sensor Model Naming Description

Format: R900PxyyyyyzwHTL

Description of differences among series products: Apart from the differences in power supply methods of batteries and adapters, as well as the main functions distinguished according to the list, all other models are variations of the full-function model with certain individual functions removed.

Meaning of each letter in the naming format:

Field position	Values
Premix	R900P
“x” (power supply method)	“D”, or “B”
“yyyyy” (Main Sensor Codes)	Refer to the attachment “R900P Main Sensor Codes”
“z” (output or input signal function)	“O”, “T” or blank
“w” (output or input signal count)	“1”, “2”, or blank
“HT” (Temperature and humidity function)	“HT”, or blank
“L” (Light sensing function)	“L”, or blank

R900P Main Sensor Codes (Product name: Wireless Sensor)

Main Sensor Code	Specifications
01A	Wireless 1-Gang Water pH, Turbidity, and Residual Chlorine Sensor
01B	Wireless 2-Gang Water pH, Turbidity, and Residual Chlorine Sensor
02A	Wireless 1-Gang Soil Moisture, Temperature, and Electrical Conductivity Sensor
02B	Wireless 2-Gang Soil Moisture, Temperature, and Electrical Conductivity Sensor
03A	Wireless Top-Mounted Ultrasonic Level Sensor
03B	Wireless Top-Mounted Ultrasonic Level Sensor
04A	Wireless 1-gang RS485 Adapter
04B	Wireless 2-gang RS485 Adapter
04C	Wireless 3-gang RS485 Adapter
04D	Wireless 4-gang RS485 Adapter
04P	Wireless 16-gang RS485 Adapter
05A	Wireless 1-Gang Water pH, ORP, and Temperature Sensor

05B	Wireless 2-Gang Water pH, ORP, and Temperature Sensor
06A	Wireless 1-Gang Ceiling Type Ultrasonic Material Level Detection Sensor
06B	Wireless 2-Gang Ceiling Type Ultrasonic Material Level Detection Sensor
07A	Wireless 1-Gang Lidar Material Level Detection Sensor
07B	Wireless 2-Gang Lidar Material Level Detection Sensor
08	Wireless NPK and Electrical Conductivity Sensor
09	Wireless Wind Direction, Temperature, and Humidity Sensor
10	Wireless Noise, Temperature, and Humidity Sensor
11	Wireless CO2, Temperature, Humidity, PM2.5 Sensor
12	Wireless CO2, Temperature, Humidity, PM2.5, and Noise Sensor
13A	Wireless Bottom-Mounted Ultrasonic Liquid Level Sensor
13B	Wireless Bottom-Mounted Ultrasonic Liquid Level Sensor
14A	Wireless 1-Gang Surface-mounted Capacitive Proximity Sensor
14B	Wireless 2-Gang Surface-mounted Capacitive Proximity Sensor
15A	Wireless 1-Gang Pipe-mounted Capacitive Proximity Sensor
15B	Wireless 2-Gang Pipe-mounted Capacitive Proximity Sensor
16	Wireless Wind Speed, Wind Direction, Air Pressure Sensor
17	Wireless Outdoor PM2.5, Noise, Temperature, Humidity Sensor
18	Wireless Outdoor Noise, Temperature, Humidity Sensor
19	Wireless Residual Chlorine Sensor
20	Wireless Temperature, Humidity, CO2 and TVOC (VOC) sensor
21	Wireless Wind Direction, Wind Speed, Temperature, and Humidity Sensor
22	Wireless Soil Moisture Sensor
23	Wireless NPK Sensor
24	Wireless CO Sensor
25	Wireless NO Sensor
26	Wireless O3 Sensor
27	Wireless H2S sensor
28	Wireless NO2 Sensor
29	Wireless SO2 Sensor
30	Wireless Noise Sensor
31	Wireless pH Sensor
32	Wireless ORP Sensor
33	Wireless Turbidity Sensor
34	Wireless Liquid Level Sensor
35	Wireless Seawater Sensor
36	Wireless CO2 Sensor

37	Wireless Wind Speed Sensor
38	Wireless Wind Direction Sensor
39	Wireless Atmospheric Pressure Sensor
40	Wireless PM2.5 Sensor

Examples:

Model	Interpretation
R900PD01AO1L	Wireless 1-Gang Water pH, Turbidity, and Residual Chlorine Sensor, with 1 x Digital Output and Light Sensing (DC-powered)
R900PB02AO1	Wireless 1-Gang Soil Moisture, Temperature, and Electrical Conductivity Sensor, with 1 x Digital Output (Battery-powered)