

Model difference letter

2026.06.22

Dear MET Reviewer,

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

Model No.: **R900A02AO1, R900AD02AO1,R900AxyyyyyzwHTL**
(See the model description on the APPENDIX I)

Use **R900A02AO1,R900AD02AO1** for all tests. Only the model R900A02AO1,R900AD02AO1 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:



Name:	Kent Shen
Position:	Manager
Company Name:	Netvox Technology Co Ltd
Address:	No 21, Sec 1 Chung Hua West Road, Tainan
Tel / Fax	0592-5717188-601/NA
E-Mail:	felice@netvox.com.tw

APPENDIX I

R900A Wireless Sensor Model Naming Description

Format: R900AxyyyzzwHTL

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	R900A
“x” (power supply method)	“D”, or blank
“yyyy” (Main Sensor Codes)	Refer to the attachment “R900A Main Sensor Codes”
“z” (output or input signal function)	“O”, “I” 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

R900A Main Sensor Codes (Product name: Wireless Sensor)

Main Sensor Code	Specifications
01	Wireless Temperature and Humidity Sensor
02A	Wireless 1-Gang Temperature Sensor
02B	Wireless 2-Gang Temperature Sensor
03A	Wireless 1-Gang Water Leak Detector - Rope Sensor
03B	Wireless 2-Gang Water Leak Detector - Rope Sensor
03C	Wireless 3-Gang Water Leak Detector - Rope Sensor
03D	Wireless 4-Gang Water Leak Detector - Rope Sensor
03E	Wireless 1-Gang Water Leak (Rope Sensor), Temperature and Humidity Detector
03F	Wireless 2-Gang Water Leak (Rope Sensor), Temperature and Humidity Detector
03G	Wireless 3-Gang Water Leak (Rope Sensor), Temperature and Humidity Detector
03H	Wireless 4-Gang Water Leak (Rope Sensor), Temperature and Humidity Detector
04CKA	Wireless Thermocouple Interface for 1-Gang K Type Thermocouple
04CRA	Wireless Thermocouple Interface for 1-Gang R Type Thermocouple
04CTA	Wireless Thermocouple Interface for 1-Gang T Type Thermocouple
04CNA	Wireless Thermocouple Interface for 1-Gang N Type Thermocouple
04CKB	Wireless Thermocouple Interface for 2-Gang K Type Thermocouple
04CRB	Wireless Thermocouple Interface for 2-Gang R Type Thermocouple
04CTB	Wireless Thermocouple Interface for 2-Gang T Type Thermocouple

04CNB	Wireless Thermocouple Interface for 2-Gang N Type Thermocouple
05A	Wireless Tilt Angle, Accelerometer, and 1-Gang Surface Temperature Sensor
05B	Wireless Tilt Angle, Accelerometer, and 2-Gang Surface Temperature Sensor
05C	Wireless Tilt Angle, Accelerometer, and 3-Gang Surface Temperature Sensor
05D	Wireless Tilt Angle, Accelerometer, and 4-Gang Surface Temperature Sensor
06A	Wireless 1-Gang Water Leak, 1-Gang Surface Temperature, Activity Detection, and Light Sensor
06B	Wireless 1-Gang Water Leak, 2-Gang Surface Temperature, Activity Detection, and Light Sensor
06C	Wireless 1-Gang Water Leak, 3-Gang Surface Temperature, Activity Detection, and Light Sensor
06D	Wireless 1-Gang Water Leak, 4-Gang Temperature, Activity Detection, and Light Sensor
06E	Wireless 2-Gang Water Leak, 1-Gang Surface Temperature, Activity Detection, and Light Sensor
06F	Wireless 2-Gang Water Leak, 2-Gang Surface Temperature, Activity Detection, and Light Sensor
06G	Wireless 2-Gang Water Leak, 3-Gang Surface Temperature, Activity Detection, and Light Sensor
06H	Wireless 2-Gang Water Leak, 4-Gang Surface Temperature, Activity Detection, and Light Sensor
07	Wireless Temperature and Humidity Sensor For Low Temperature Environment
08A	Wireless 1-Gang Vibration Sensor - Rolling Ball Type
08B	Wireless 2-Gang Vibration Sensor - Rolling Ball Type
09A	Wireless 1-Gang Vibration Sensor - Spring Type
09B	Wireless 2-Gang Vibration Sensor - Spring Type
10A	Wireless 1-Gang Reed Switch Open/Close Detection Sensor
10B	Wireless 2-Gang Reed Switch Open/Close Detection Sensor
11A	Wireless 1-Gang Hall Type Open/Close Detection Sensor
11B	Wireless 2-Gang Hall Type Open/Close Detection Sensor
12	Wireless Light Sensor
13A	Wireless 1-input 0-5V ADC Sampling Interface
13B	Wireless 2-input 0-5V ADC Sampling Interface
13C	Wireless 3-input 0-5V ADC Sampling Interface
13D	Wireless 4-input 0-5V ADC Sampling Interface
13E	Wireless 1-input 0-10V ADC Sampling Interface
13F	Wireless 2-input 0-10V ADC Sampling Interface
13G	Wireless 3-input 0-10V ADC Sampling Interface
13H	Wireless 4-input 0-10V ADC Sampling Interface
13I	Wireless 1-input 0-24V ADC Sampling Interface
13J	Wireless 2-input 0-24V ADC Sampling Interface
13K	Wireless 3-input 0-24V ADC Sampling Interface
13L	Wireless 4-input 0-24V ADC Sampling Interface
14A	Wireless 1-input Dry Contact Interface

14B	Wireless 2-input Dry Contact Interface
15	Wireless Asset Sensor
16A	Wireless 1-input Push Button Interface
16B	Wireless 2-Input Push Button Interface
17A	Wireless 1-Gang Water Leak Detector
17B	Wireless 2-Gang Water Leak Detector
17C	Wireless 3-Gang Water Leak Detector
17D	Wireless 4-Gang Water Leak Detector
17E	Wireless 1-Gang Water Leak, Temperature and Humidity Detector
17F	Wireless 2-Gang Water Leak, Temperature and Humidity Detector
17G	Wireless 3-Gang Water Leak, Temperature and Humidity Detector
17H	Wireless 4-Gang Water Leak, Temperature and Humidity Detector
18	Wireless Accelerometer Sensor
19	Wireless Accelerometer and Surface Temperature Sensor
20	Wireless Tilt Angle Sensor
21	Wireless Activity Detection and Temperature Sensor
2201	Wireless Thermocouple Interface for 1-Gang K Type Thermocouple, with 1-Input ADC Sampling Interface
2202	Wireless Thermocouple Interface for 1-Gang R Type Thermocouple, with 1-Input ADC Sampling Interface
2203	Wireless Thermocouple Interface for 1-Gang T Type Thermocouple, with 1-Input ADC Sampling Interface
2204	Wireless Thermocouple Interface for 1-Gang N Type Thermocouple, with 1-Input ADC Sampling Interface
2205	Wireless Thermocouple Interface for 2-Gang K Type Thermocouple, with 1-Input ADC Sampling Interface
2206	Wireless Thermocouple Interface for 2-Gang R Type Thermocouple, with 1-Input ADC Sampling Interface
2207	Wireless Thermocouple Interface for 2-Gang T Type Thermocouple, with 1-Input ADC Sampling Interface
2208	Wireless Thermocouple Interface for 2-Gang N Type Thermocouple, with 1-Input ADC Sampling Interface
2209	Wireless Thermocouple Interface for 1-Gang K Type Thermocouple, with 2-Input ADC Sampling Interface
2210	Wireless Thermocouple Interface for 1-Gang R Type Thermocouple, with 2-Input ADC Sampling Interface
2211	Wireless Thermocouple Interface for 1-Gang T Type Thermocouple, with 2-Input ADC Sampling Interface
2212	Wireless Thermocouple Interface for 1-Gang N Type Thermocouple, with 2-Input ADC Sampling Interface
2213	Wireless Thermocouple Interface for 2-Gang K Type Thermocouple, with 2-Input ADC Sampling Interface
2214	Wireless Thermocouple Interface for 2-Gang R Type Thermocouple, with 2-Input ADC Sampling Interface
2215	Wireless Thermocouple Interface for 2-Gang T Type Thermocouple, with 2-Input ADC Sampling Interface
2216	Wireless Thermocouple Interface for 2-Gang N Type Thermocouple, with 2-Input ADC Sampling Interface
2217	Wireless Thermocouple Interface for 1-Gang K Type Thermocouple, with 3-Input ADC Sampling Interface
2218	Wireless Thermocouple Interface for 1-Gang R Type Thermocouple, with 3-Input ADC Sampling Interface
2219	Wireless Thermocouple Interface for 1-Gang T Type Thermocouple, with 3-Input ADC Sampling Interface
2220	Wireless Thermocouple Interface for 1-Gang N Type Thermocouple, with 3-Input ADC Sampling Interface
2221	Wireless Thermocouple Interface for 2-Gang K Type Thermocouple, with 3-Input ADC Sampling Interface

2222	Wireless Thermocouple Interface for 2-Gang R Type Thermocouple, with 3-Input ADC Sampling Interface
2223	Wireless Thermocouple Interface for 2-Gang T Type Thermocouple, with 3-Input ADC Sampling Interface
2224	Wireless Thermocouple Interface for 2-Gang N Type Thermocouple, with 3-Input ADC Sampling Interface
2225	Wireless Thermocouple Interface for 1-Gang K Type Thermocouple, with 4-Input ADC Sampling Interface
2226	Wireless Thermocouple Interface for 1-Gang R Type Thermocouple, with 4-Input ADC Sampling Interface
2227	Wireless Thermocouple Interface for 1-Gang T Type Thermocouple, with 4-Input ADC Sampling Interface
2228	Wireless Thermocouple Interface for 1-Gang N Type Thermocouple, with 4-Input ADC Sampling Interface
2229	Wireless Thermocouple Interface for 2-Gang K Type Thermocouple, with 4-Input ADC Sampling Interface
2230	Wireless Thermocouple Interface for 2-Gang R Type Thermocouple, with 4-Input ADC Sampling Interface
2231	Wireless Thermocouple Interface for 2-Gang T Type Thermocouple, with 4-Input ADC Sampling Interface
2232	Wireless Thermocouple Interface for 2-Gang N Type Thermocouple, with 4-Input ADC Sampling Interface

Examples:

Model	Interpretation
R900AD03AO1L	Wireless 1-Gang Water Leak Sensor, with 1 x Digital Output and Light Sensing (DC-powered)
R900A03AO1	Wireless 1-Gang Water Leak Sensor, with 1 x Digital Output (Battery-powered)