netvox®

LoRaWAN™

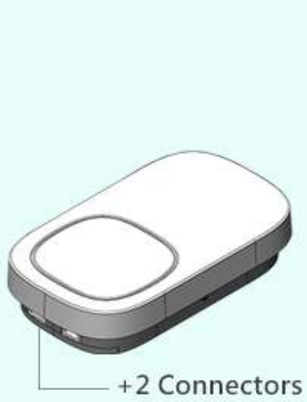
R315
Multi-Sense Series

Can be applied with more flexibility
The following are examples for your reference

Main Product Configurations

Light

+1 Connectors



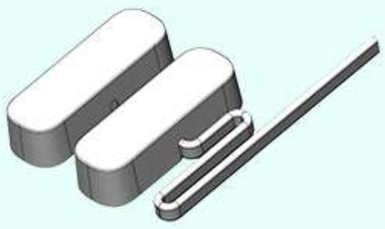
+2 Connectors

Emergency Button
+PIR

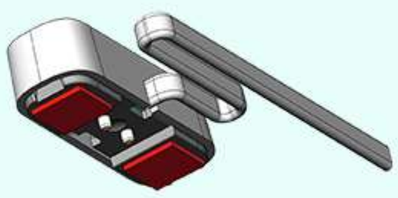
+3 Connectors

+

External Sensor

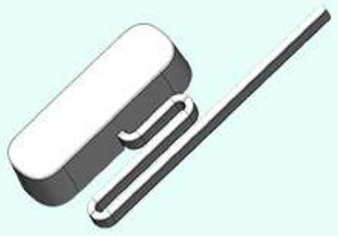


Reed switch

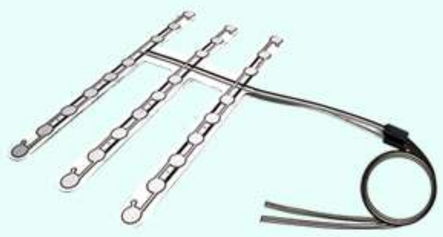


Water leak

Dry Contact IN
DO Out



External Vibration



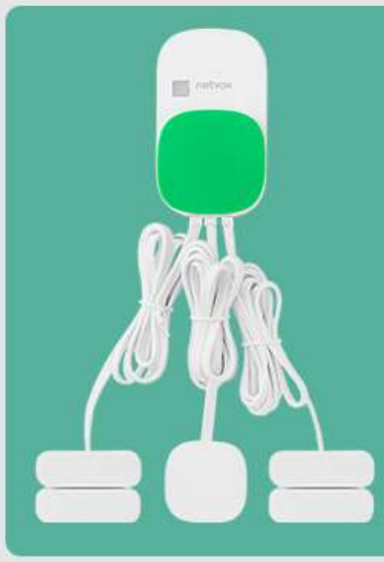
Seat Occupancy

Glass Break

Scenario : Restroom / Toilet

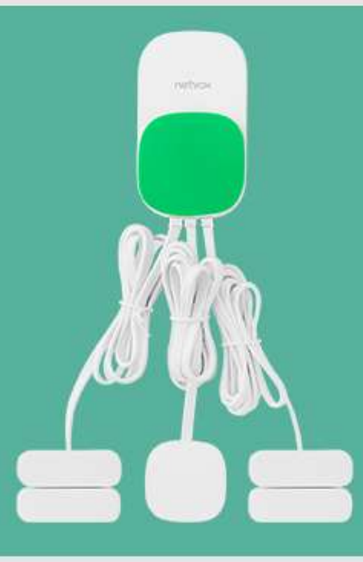
R31532

- Temperature
- Humidity
- Water Leak * 2
- Push Button



R31555

- PIR
- Push Button
- Reed Switch * 2
- Glass Break



R31569

- Temperature
- Humidity
- Push Button
- Reed Switch * 2
- Glass Break

Examples

Temperature and Humidity

Detect the exhaust fan and the ventilation system are operating or not based on the temperature and humidity of the environment.

Push Button:

It is used as an emergency button. If someone needs help when he falls in the restroom, he can press the button and the emergency notification will be reported urgently.

PIR:

Detect whether someone is using the toilet or not.

Water Leak:

Detect whether there is a water leak from the pipe under the toilet or not.

Reed Switch:

Detect whether the door &window are closed or not when going outside.

Glass Break:

Detect whether the window is broken from the outside.

Scenario : Greenhouse

R31521

- Temperature
- Water Leak * 2
- Digital Output
- Humidity
- Light Sensor

R31525

- Temperature
- Light Sensor
- PIR
- Humidity Sensor
- Vibration Sensor
- Water Leak

Examples

Temperature and Humidity :

Detect whether the sprinkler system, heater,etc. are operating or not based on temperature and humidity in order to ensure constant temperature and humidity.

Water Leak:

Detect whether the drainage facilities are plugged up or overflowed.

PIR:

Detect people come in/get out.

Light Sensor:

Detect whether the light in each area of the greenhouse is sufficient or not in order to decide if the plant light is needed.

Vibration Sensor:

Can be installed on the scaffolding or other devices to detect whether they are toppled over or not.

Digital Output:

Can be installed on other green house equipment.

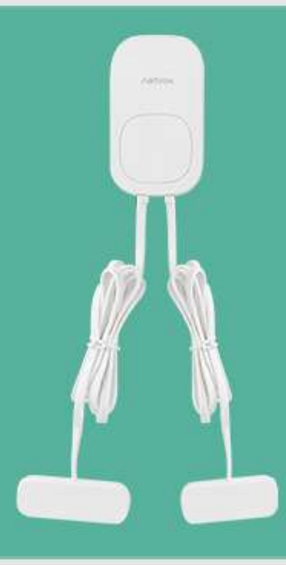
Scenario : Wine cellar / Warehouse

R31526

- Temperature
- Humidity
- Water Leak * 2
- Vibration
- Digital Output

R31559

- Vibration
- Water Leak * 2
- Push Button
- Digital Output



R31589

- Temperature
- Humidity
- Water Leak * 2

Examples

Temperature and Humidity :
Adjust the suitable environment based on temperature and humidity.

Water Leak:
Detect if there are water leaks or not.

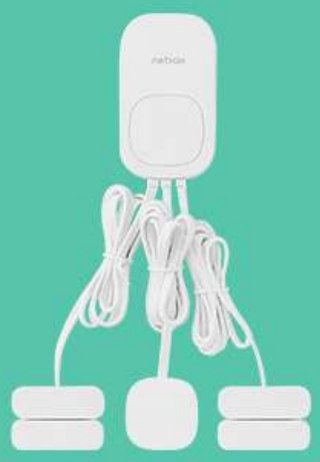
Push Button:
If someone is locked inside the door or is in emergency situations, he can ask for help.

Light Sensor:
Record the lighting in the wine cellar to avoid the wine oxidation.

Vibration Sensor:
Can be installed on the shelves or liquor cabinets to detect whether there is a vibration.

Digital Output:
Connect the external device with an emergency button to alarm with flashing light, siren,etc.

Scenario : Storage of valuables



R31527

- Temperature
- Humidity
- Vibration
- Reed Switch * 2
- Glass Break

R31597

- Temperature
- Humidity
- PIR
- Reed Switch
- Glass Break * 2

R315102

- Vibration
- PIR
- Reed Switch
- Glass Break * 2

Examples

Temperature and Humidity :
Adjust the suitable environment based on temperature and humidity

Vibration Sensor:
Can be installed on the display cases or safe deposit boxes to detect whether there is a vibration

Reed Switch:
Can be installed on the display cases or safe deposit boxes to detect whether they are open

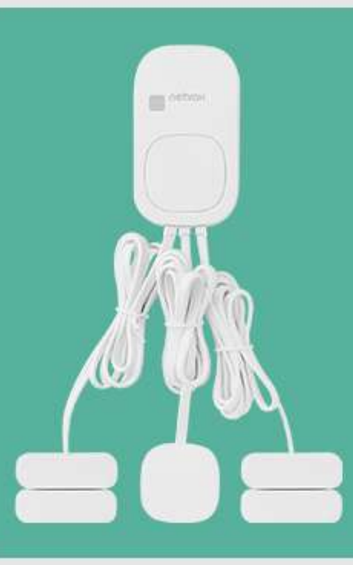
Glass Break:
Can be installed on the glass showcase to detect whether it is broken

PIR:
Detect whether there are human beings in the secured area of valuables

Scenario : Home / Living room

R31564

- Vibration
- Water Leak * 2
- Light Sensor
- Digital Output



R31578

- Temperature
- Humidity
- PIR
- Reed Switch * 2
- Glass Break

R315103

- Vibration
- Push Button
- PIR
- Digital Output

Examples

Temperature and Humidity :
Adjust the air conditioner, dehumidifier, humidifier, etc., based on temperature and humidity.

Vibration Sensor:
Can be installed on cabinets or safe deposit boxes.

Light Sensor:
Detect the light is on or not based on the illuminance.

Reed Switch:
Can be installed on the front door, garage, or storeroom to make sure whether they are closed or not.

Glass Break:
Can be installed on the glass window to detect if it is broken.

PIR:
Detect if there are people at home when going outside.

Push Button:
Can serve as the door bell or call bell (It has to be used with Digital Output devices.)

Digital Output:
Connect the external device with an emergency button to alarm with flashing light, siren,etc.

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