

Wired Sensors Operation Manual

There are 8way inputs for KC868-H8 device and 6way inputs for KC868-H32 device, which can be used to connect the wired sensors. With these sensors, we can get the functions of scenes linkage and alarm messages.

The wired sensors are including the below:

Article	Description of Sensor	Power	Usage
1	Wired Door Magnet Sensor	/	Where the status of open or close needs to be monitored, like as shutter door etc.
2	Wired Human Infrared Detector	12V	Whether anybody go out or in, needed to be monitored, like as living room, garage, balcony, hallway and porch etc
3	Wired Gas Sensor	12V	Whether the gas or CO is leakage, needed to be monitored, like as Kitchen
4	Wired Smoke Detector	12V	Where the smoke concentrations needed to be monitored, like as kitchen, bedroom, living room or warehouse etc.
5	Wired Water Detector	12V	Where the water leakage needed to be monitored, like as kitchen, computer room, warehouse etc
6	Wired Power off Sensor	220V	Where the power source needed to be monitored, like as computer room or warehouse etc
7	Wired Illumination Sensor	12V	Where the illumination needed to be monitored, like as bedroom, balcony, warehouse or shed
8	Wired Fire Detector	12V	Where the fire needed to be monitored, like as warehouse
9	Wired Water Level Sensor	/	Where the water level needed to be monitored, like as water tower, water tank or well etc
10	Wired Temperature Sensor	/	Where the temperature needed to be monitored

Here, we mainly introduce how to use the wired door magnet sensor; the other sensors are used similar as the wired door magnet sensor.



1. Product Parameters

Dimension: 106*38*10mm 106*16*16mm 106*50*50mm

Induction Distance: 50-70mm

Switch Form: N/C, N/O and Converted

Electrical Parameter: Max power 10W, Max Voltage 100V, Max Current 0.5A

Material: Zinc Alloy, silver gray

Lead Wire: 1007UL#22AWG 550mm 380mm SS steel protective pipe

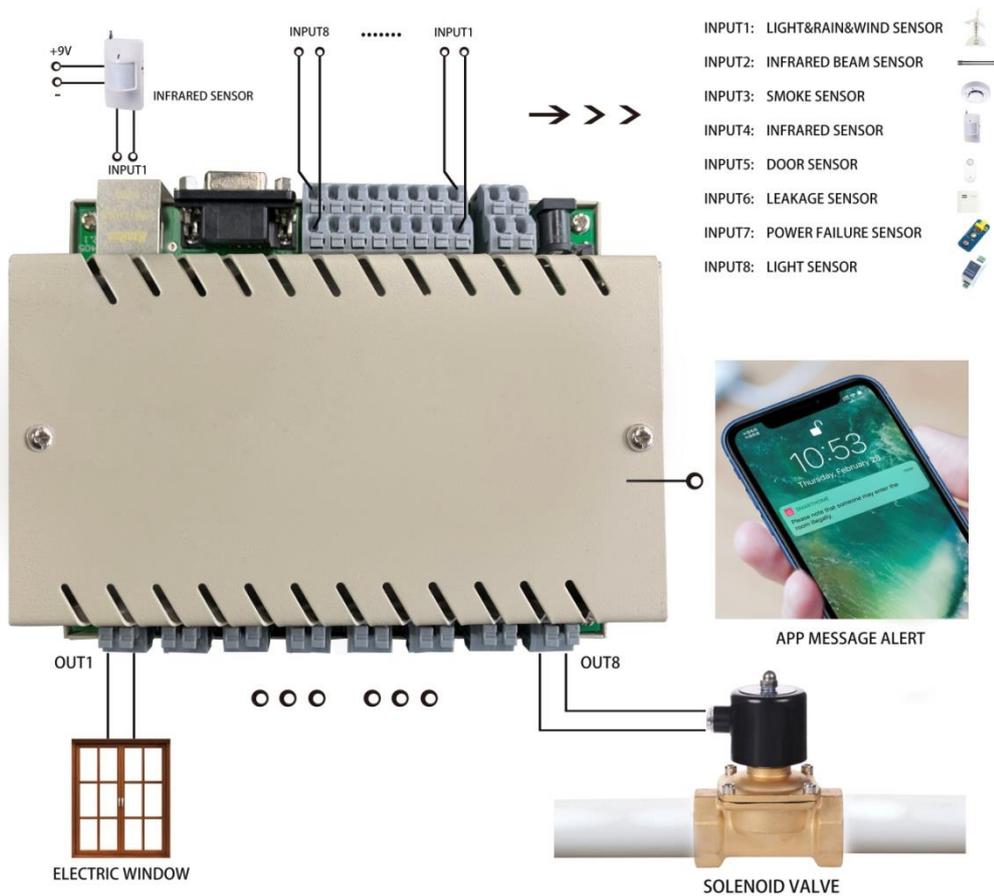
Package: 1set/bag, 50sets/CTN, 18.0kg/CTN

Suitable: Rolling shutter door

2. Operational Principle

When the door installed with the door magnet sensor is opened by illegal intruder, the sensor will send a signal to the device KC868-Hx through the wires, after receiving the signal, the device will send one alarm message to the designated user.

3. Wiring diagram for the sensor



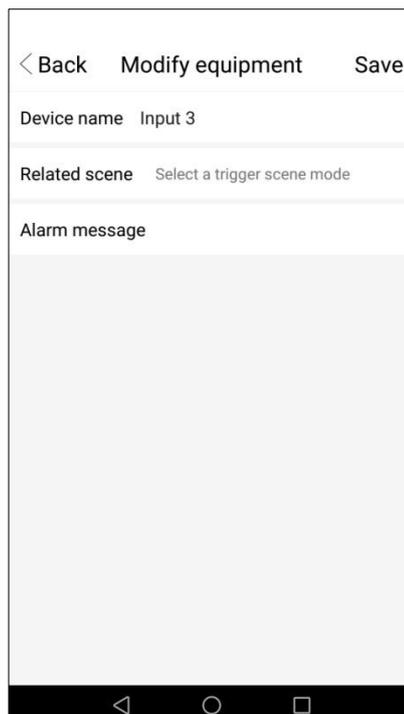
KC868-H8 Wiring Diagram



**Door Magnet Sensor connects to the Device (Brown and Grey wires)
It is connecting to the third inputting terminals on the picture.**

4. Adding the sensor to the Phone APP

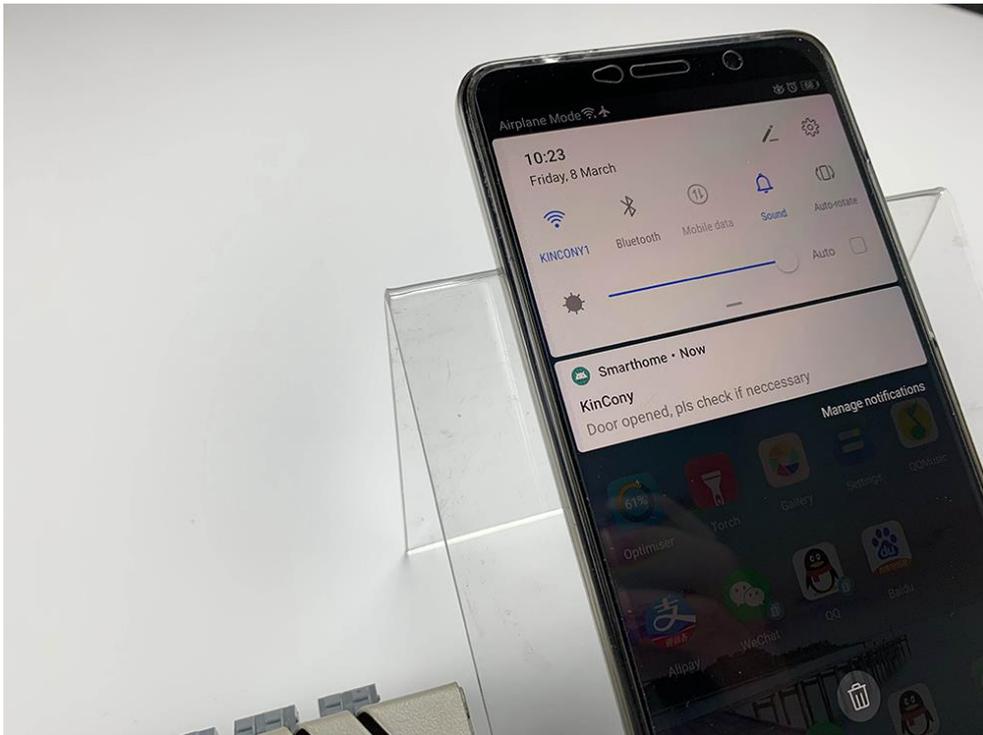
Click [Mine]--[My set]--[Safe set]--choose the number of the inputting terminal connecting to the sensor. It is the third terminal on the picture, so we find and choose the [Input 3], holding press the position of the [Input 3] and draw left to set the configurations: Revise the name, choose the scene mode(optional), and then input the alarm message texts, finally, click [Save] button.



5. Set the sensor trigger and alarm

After clicking the [save] button to back the [safe set], there are three groups to defense the time. E.g.: to defense for 24hours, just choose one group and set the time into 00-23, it will show from “disarm” to “defense” , click the key behind the button [study], which will show green color.

Now, if the door installed with the door magnet sensor is opened, there will be one alarm message (text input last step) sent to the mobile phone of the designed user. If it's linked with one scene mode, the scene mode will be active too.



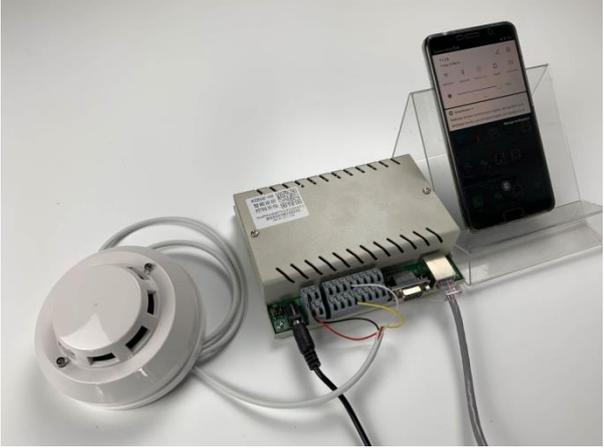
Alarm Message

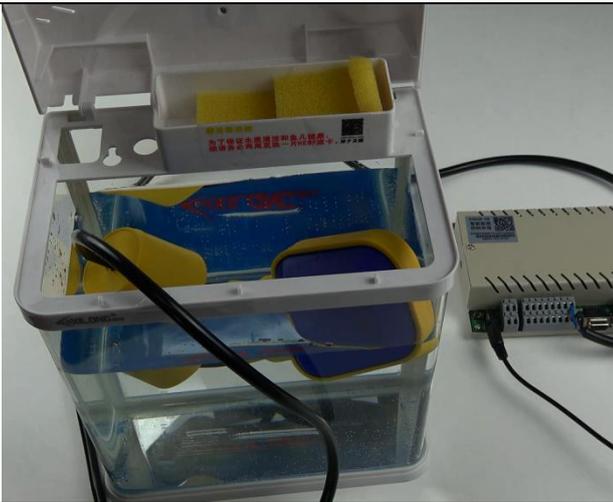
6. Please refer to the usage of the door magnet sensor when installing the other sensors. Some of the sensors are required the power source of 12V/DC, which can be got from the device, see the below picture.



7. Wiring diagram for all the sensors

No.	Description	Wiring Diagram
1	Wired Door Magnet Sensor	 A photograph showing a grey door magnet sensor connected to a central grey hub. The hub is connected to a smartphone mounted on a clear stand, which displays a monitoring application. Wires connect the sensor to the hub, and the hub to the smartphone.
2	Wired Human Infrared Detector	 A photograph showing a white human infrared detector connected to a central grey hub. The hub is connected to a smartphone mounted on a clear stand, which displays a monitoring application. Wires connect the detector to the hub, and the hub to the smartphone.
3	Wired Gas Sensor	 A photograph showing a white gas sensor connected to a central grey hub. The hub is connected to a smartphone mounted on a clear stand, which displays a monitoring application. Wires connect the sensor to the hub, and the hub to the smartphone.

4	Wired Smoke Detector	
5	Wired Water Detector	
6	Wired Power off Sensor	
7	Wired Illumination Sensor	

8	Wired Fire Detector	
9	Wired Water Level Sensor	
10	Wired Temperature Sensor	