

# Multiple Function Sensor user manual

Mode: THZ100

## Wireless PIR Sensor operating instructions

First, Sensors of all parts:



### Battery installation:

1, Left hand holding the cylindrical shell of the sensor, the rear door of the sensor in my right hand as shown below:



2. Open the back cover and following pictures



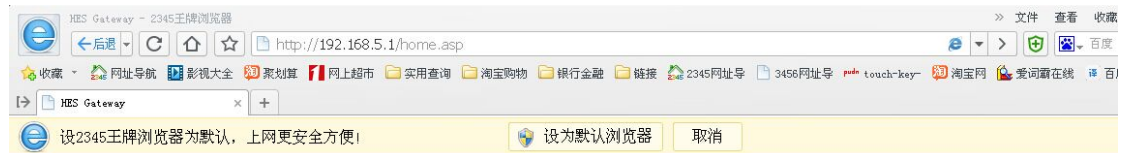
**3. the marking on the battery compartment on the back of the battery polarity orientation, battery installed in the right direction.**



**After installing the battery, internal system begin to work, searching the Web, join the network.**

**Second, Login WI-FI/ZigBee GateWay to add new sensor:**

- 1 . Adapter 120VAC plugged into a mains socket,12VDC output connector to plug in the WI-FI/ZigBee GateWay Back DC12V。**
- 2 . Connect cable a WI-FI/ZigBee GateWay back LAN interface, and the other end connected to PC The network port.**
- 3. Open the IE browser's address bar write:192.168.5.1 click the Enter key to enter WI-FI/ZigBee GateWay Login screen as shown below:**
- 4. WI-FI/ZigBee GateWay Login into your user name admin , Password 123456 , Sign in to the router. The following figure:**



Site contents:

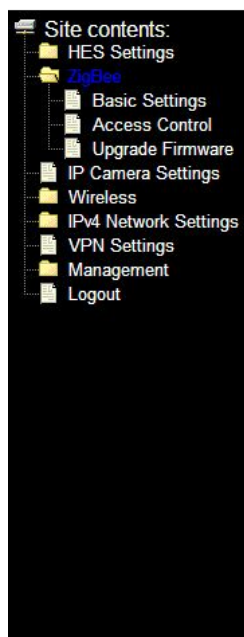
- HES Settings
- ZigBee
- IP Camera Settings
- Wireless
- IPv4 Network Settings
- VPN Settings
- Management
- Logout

### Device Status

This page shows the current status and some basic settings of the device.

<b>System</b>	
Uptime	0day:0h:5m:21s
Firmware Version	1.0.0b1(DCZ2800.00)-20130523-en   2013-05-23 23:27:13 +0800
Build Time	Fri Jul 4 13:55:43 CST 2014
<b>Wireless Configuration</b>	
Enable	Yes
Mode	AP
Band	2.4 GHz (B+G+N)
SSID	HESGW201407160082
Channel Number	11
Encryption	Disabled
BSSID	20:14:07:16:00:84
Associated Clients	0
<b>IPv4 LAN Configuration</b>	
Attain IP Protocol	Fixed IP
IP Address	192.168.5.1
Subnet Mask	255.255.255.0
DHCP Server	Enabled
MAC Address	20:14:07:16:00:82
<b>IPv4 WAN Configuration</b>	

- 5. click on the Site contents->ZigBee-->Access Control as shown below:**



## ZigBee Access Control

This table shows the sensor nodes' MAC address and signal strength nearby. You can select any nodes (at most 32) in the list so as to control and manage them by the remote server implicitly. This table will tell you the neighbour nodes nearby (up to 64).

Refresh Interval: None Refresh Now

No	MAC Address	Uplink LQI	Downlink LQI	Allow
1	00:15:8d:00:00:7c:9c:ac	249	255	<input type="checkbox"/>

Apply Changes Reset

If the new sensors join WI-FI/ZigBee GateWay Successful displays like the one above, then join is not successful repeat battery installation steps

6. NO says how many sensors are successfully joined the network in the list, select the sensor data to the Tablet client ALLOW to check:

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1	00:15:8d:00:00:7c:9c:ac	249	255	<input checked="" type="checkbox"/>

Apply Changes Reset

7. The ZigBee Access Control interface, click on the Apply Changes button.

**Site contents:**

- HES Settings
- ZigBee**
  - Basic Settings
  - Access Control
  - Upgrade Firmware
- IP Camera Settings
- Wireless
- IPv4 Network Settings
- VPN Settings
- Management
- Logout

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1	00:15:8d:00:00:7c:9c:ac	249 <div><div></div><div></div><div></div><div></div><div></div></div>	255 <div><div></div><div></div><div></div><div></div><div></div></div>	<input checked="" type="checkbox"/>

8. Exit the WI-FI/ZigBee GateWay settings, sensor back to electricity, you can display the newly added device Tablet client.

9. close the rear cover.

Third, the sensor installation schematic description:

- 1, Need to detect areas to install the sensor.
- 2, Aim the control head to detect direction.

## FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate this equipment.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## SAR Statement

This device is measured RF output power is less than the SAR exclusion threshold value for human head and body. Therefore, SAR test is not necessary.