



After you store infrared code on your IR Transceiver, you can control an infrared device via APP

IV. Z-WAVE NETWORK INCLUSION

IR Transceiver can be included and operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers and/or other

1) Make sure the power supply is connected and the IR Transceiver is

located within a direct Z-Wave network's main controller communication

applications. All non-battery operated nodes within the networkwill act as repeaters regardless of vendor to increase reliability of the network. To include IR Transceiver into a Z-Wave network as a non-security device:

2) Set the Z-Wave network main controller into learning mode

(see Z-Wave network controller operating manual).

If you want your IR TRANSCEIVER to be a security device that

3) Pressing and holding the Z-Button for 3 seconds.

network controller operating manual).

from step 2.

3) Triple-clicking the Z-Button within 1.5 seconds.

4) If the add for inclusion is successful, the LED will blink fast for less than

5 seconds and then keep on. Otherwise, the LED will blink 5 seconds and

then keep blinking slowly, in which case you need to repeat the process

To include IR Transceiver into a Z-Wave network as a security device:

1) Make sure the power supply is connected and the IR Transceiver is

located within a direct Z-Wave network's main controller communication

2) Set the Z-Wave network main controller into learning mode (see Z-Wave

4) If the add for inclusion is successful, the LED will blink for less than 5

seconds and then keep on. Otherwise, the LED will blink 5 seconds and

then keep blinking slowly, in which case you need to repeat the process

use secure/encrypted message to communicate in a Z-Wave network, then a security enabled Z-Wave controller is needed.

V . REMOVING FROM Z-WAVE NETWORK

To remove the IR TRANSCEIVER from the Z-Wave network: 1) Make sure the power supply is connected and the IR Transceiver is located within a direct Z-Wave network's main controller communication range. 2) Set the Z-Wave network main controller into exclusion mode. 3) Triple-clicking the Z-Button within 1.5 seconds

4) If the remove for exclusion is successful, Led will blink fast for less than 5 seconds and keep blinking slowly. Otherwise, led will blink for 5 seconds and

then keep on, in which case you need to repeat the process from step 2.

ACCO1 is an IR Transceiver based on ZWAVE technology. It is used

IR Transceiver can be included and operated in any Z-Wave network

and/or other applications. All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability

IR Transceiver is also a security Z-Wave device and supports the Over

If you want your IR Transceiver to be a security device that use secure/

encrypted message to communicate in a Z-Wave network, then a

1) Z-Wave Plus certified for wide compatibility (500 serials product).

I . GENERAL INFORMATION ABOUT DOOR/WINDOW SENSOR

2) Infrared max communication distance is about 12meters.

with other Z-Wave certified devices from other manufacturers

The Air (OTA) feature for the product's firmware upgrade.

security enabled Z-Wave controller is needed.

3) Infrared emission angle is about 180°.

The features list:

1. Product layout

4) Support firmware OTA.

such as TV, air condition and TV box.

for sending IR codes to infrared communication controlling devices

2. Specifications

Power supply:

Radio protocol:

Radio frequency:

Range:

Dimensions:

Working current:

Standby current:

II . INSTALLATION

vou desired

LED Light

infrared devices as possible as you can.

Storage environment:

Operational temperature

DC 5V 1A

0~40°C

Z-Wave

-10°C-50°C 0%-90%

□921.42MHz(AU)

85x85x26cm

About 60mA

About 35uA

IR Transceiver is simple to install and it should be installed near the

1) Utilize the screws provided to affix the plastic mount to the surface

More than 150m outdoors

on building materials)

About 40m indoors (depending

□908.42MHz(US) □868.42MHz(EU)

NOTE: Remove procedure will clear the IR TRANSCEIVER's

about Z-Wave network and advanced configuration.

memory which means it will erase all information

VII. RESET IR TRANSCEIVER

Reset procedure will clear the IR Transceiver's memory, including

Z-Wave network information, but not including IR information.

To reset IR Transceiver: Pressing and holding the Z-button for 20 seconds. Release the button

after 20 seconds. Led will be on for 3 seconds, and then led will keep blinking. IR Transceiver will send "Device Reset Locally" to the main controller and exclude from the Z-Wave network, this procedure will

reset IR Transceiver to factory default.

Use this procedure only in the event that the network

primary controller is missing or otherwise inoperable.

VIII ASSOCIATION

IR Transceiver supports only one association group.

X.FCC NOTICE (for USA)

This device complies with part 15 of the FCC Rules. Operation is Grouping Ldentifier | Max Nodes Send Commands subject to the following two conditions: 0v05 NULL Group 1

(1) This device may not cause harmful interference, and

2) After step 1, you can now lock your IR Transceiver to the plastic

3) Firmly connect the 5V/1A Micro USB adaptor to your IR Transceiver

Infrared emission angle has great effect on the communication distance. The communication distance is up to 12 meters when the angle between

infrared device and IR Transceiver is 90°(this is the optimal performance). The communication distance is 3 meters when the angle between infrared

IR TRANSCEIVER offers a wide variety of advanced configuration

Parameter No.254 Enable/disable the configuration command

Reset to factory default settings and removed from the Z-Waye network.

Reset the values of the configuration command to default setting.

settings. Below parameters can be accessed from main controllers

and then put the adaptor plug into an AC outlet. IR Transceiver will

power on as soon as you plug in the adapter.

III .INFRARED INFORMATION

device and IR Transceiver is 0° or 180°.

IX. ADVANCED CONFIGURATION

Lock/unlock all configuration parameters.

Parameter No.255 Reset Scene Controller

Reset the sensor or remove from the Z-Wave network

configuration interface. Parameter No.93 Clear IR information Clear all IR information.

Value: 1431655765

Parameter size: 4[bvte]

Default: 1

0 - Unlock.

Default setting: 0

Value: 1431655765 Default: 1

Parameter size: 4[bvte]

Parameter size: 1[bvte]

1-Lock.

Value: 85

Default: 1 Parameter size: 1[byte] LED Light

5V/1A Micro

USB Adapto

mount by pressing it as the direction shows below.

(2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: THE GRANTEE IS NOT RESPONSIBLE FOR ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses 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.