Product Features:

ENZD Sensor Adapter is mainly used to connect the sensor which has dry contact signal, such as infrared sensor, smoke detector, and other sensors. It converts signals received from sensors to data package and transmits to system controllers, so the controllers can take actions accordingly.

Product	Sensor Adapter
Model	EN-J0012W
Specification	
Power supply	100-242V~50/60Hz
Power Consumption	<0.9W
RF	2.480GHZ
RF Bandwidth	540KHZ
Modulation Mode	MSK
Radio transmission Power	<10mW
RF transmission Range	Outbound :>120m, Inbound:>30m
Working T&H	0℃~60℃,20%~95%RH
Storage T&H	-10℃~60℃,10%~95%RH,non-condensing
Atmosphere	86kPa-106 kPa
Dimensions	90mm x 36mm x 24mm
Weight	41g
Structure	

Label	Description
Red/Lin	Hot wire in
Blue/Nin	Neutral in
L1	Take the infrared sensor as an example, connect the L1 line of

	the infrared sensor
L	Take the infrared sensor as an example, connect the L line of the infrared sensor
N	Output zero line
QR code	Product ID
Button	Change the usage mode

Warning: L and N cannot be connected reversely at the power supply end, otherwise safety problems may occur (N line can be shared)

Installation

It is usually installed a infrared sensor or a smoke detector. You need to connect the blue and red wires should be connected to power supply, and the terminal block is used to connect to sensor output.

Warning: before installing it, please turn off the power supply to prevent electric shock.

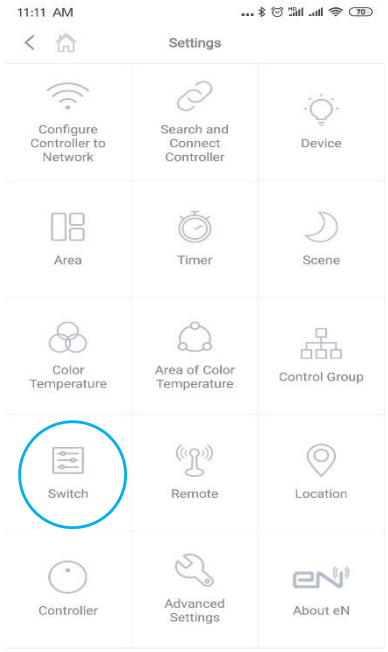
1 Tighten the wire from the "Lin" interface and the hot wire from the distribution box.
2 Tighten the wire from the "Nin" interface and the zero wire from the distribution box
3 Connect the terminal L to the L of the infrared sensor.
4 Connect the terminal L1 to the L1 of the infrared sensor.
5 Connect terminal N to N of the infrared sensor.

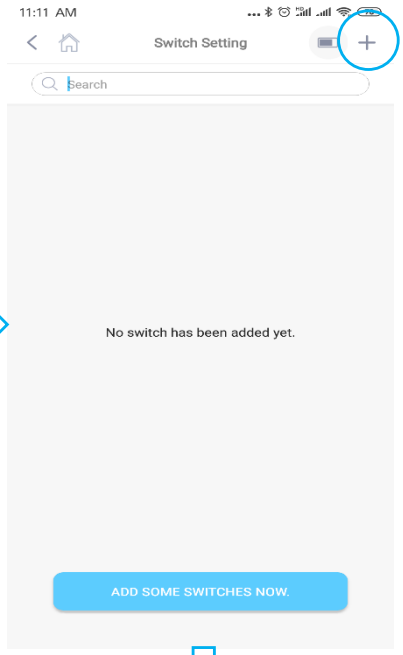
Usage

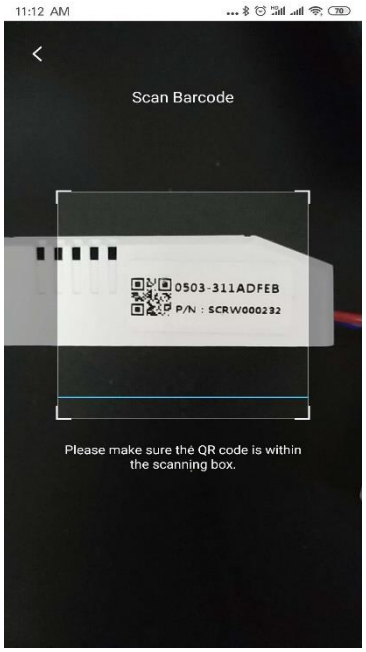
The output of the product is connected with an infrared sensor, when someone is sensed by the infrared sensor, the product will transmit. When no one is here, the product will also transmit. Of course, you can also press the side key to send data.

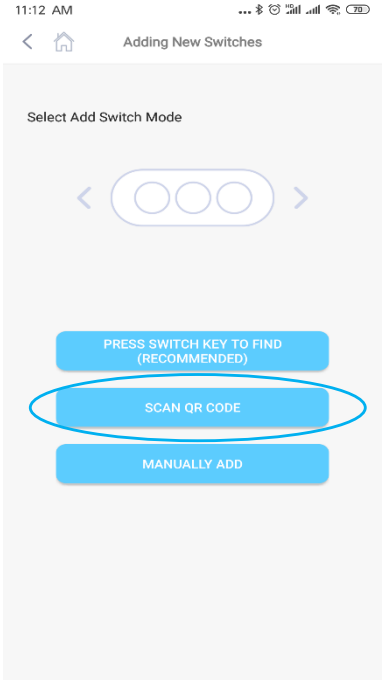
The product can be set up by using En APP that is available from many APP Stores. For usage, please refer to the manual of relevant software products. Identify the QR codes, you can download the APP.

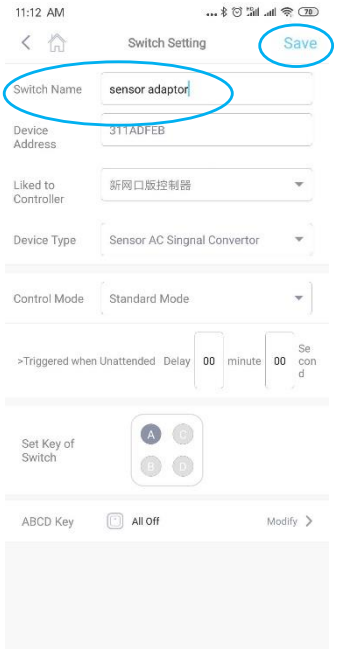
After you download the EN APP, you should click “Settings”→”Switch” →”+” →”SCAN QR CODE” →enter name→click “Save”. Following the figure below.


11:11 AM
Settings
Configure Controller to Network
Search and Connect Controller
Device
Area
Timer
Scene
Color Temperature
Area of Color Temperature
Control Group
Switch
Remote
Location
Controller
Advanced Settings
About eN


11:11 AM
Switch Setting
Search
No switch has been added yet.
ADD SOME SWITCHES NOW.


11:12 AM
Scan Barcode
0503-311ADFEB
P/N : SCRW000232
Please make sure the QR code is within the scanning box.


11:12 AM
Adding New Switches
Select Add Switch Mode
PRESS SWITCH KEY TO FIND (RECOMMENDED)
SCAN QR CODE
MANUALLY ADD



After configuration, the following effects can be achieved: taking infrared sensor as an example, someone walks in the hotel corridor, when he/she is sensed by the infrared sensor, the light will be turned on automatically, and after he/she leaves from the area, the light will be turned off automatically.

Warning：

This device complies with Part 15 of the 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.

changes or modifications not expressly approved by the party responsible for compliance 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.
NOTE: This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter

RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20Cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter