

OPERATING MANUAL

description

The ZigBee Wireless E9Z household combustible gas detector (detector) adopts high quality gas sensor. It is made with high performance MCU and advanced electronic elements as well as sophisticated technologies. Its software and hardware technology enables it to simultaneously monitor sensor failure while detecting gas leakage concentration, with high safety and reliability. This detector is suitable for installing in residential houses with potential gas leakage, it can consecutively monitor indoor combustible gas concentration, when the gas concentration reaches its alarming value, the detector will send out sound and light alarm. It will help you to take immediate action to prevent fire, blast and poisoning accidents from happening.

- Single-source detection, protected against false alarms due to dust, insects or moisture.
- Professional labyrinth design, rapid fire detection.
- Notification function via app, check battery level and working status at any time.
- Housing made of fire-resistant plastic with a glossy surface.



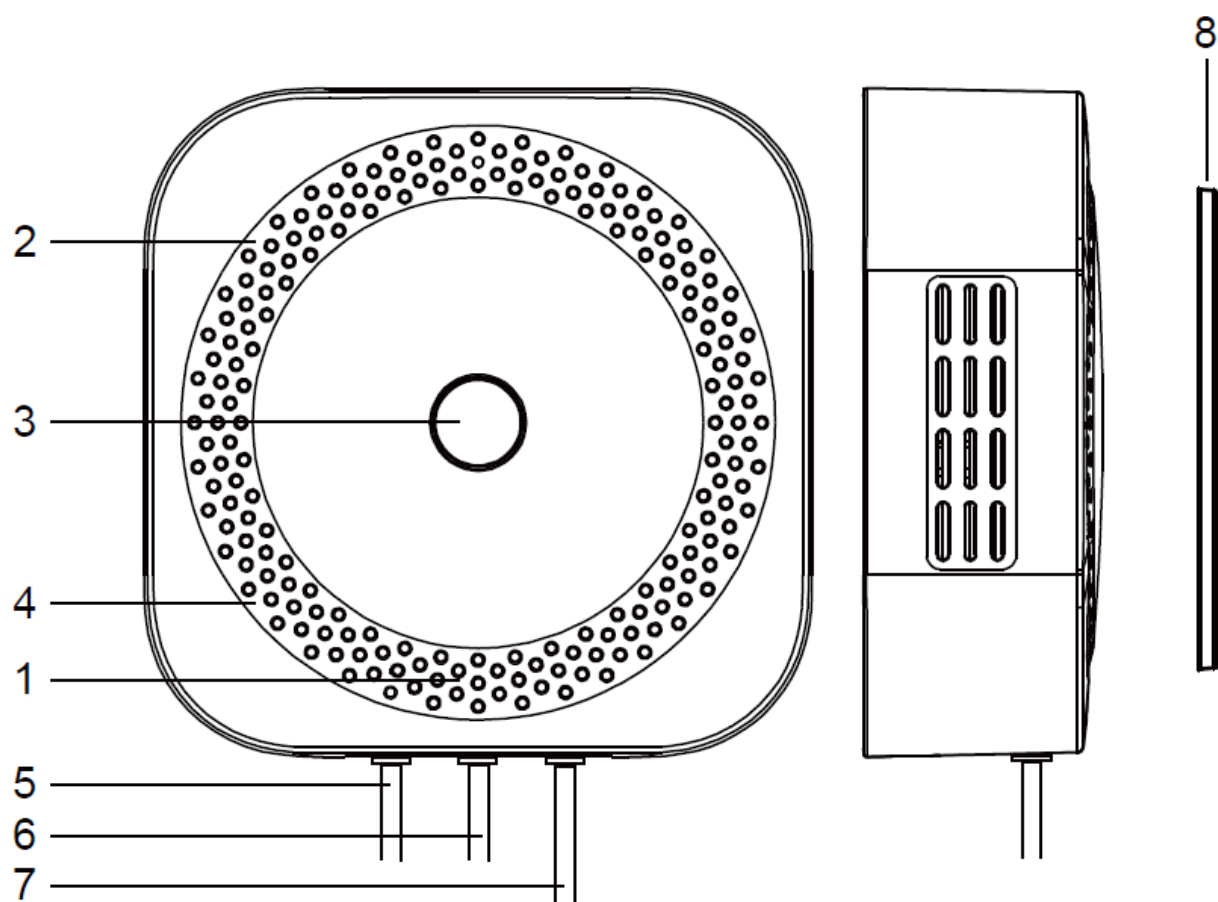
NOTE: You will need a Nous E1, Nous E7 or other Tuya-compatible ZigBee gateway/hub to connect.

The device's connection to the Internet cannot be guaranteed in all cases, as it depends on many conditions: the quality of the communication channel and intermediate network equipment, the make and model of the mobile device, the version of the operating system, etc.

PREVENTIVE MEASURES

- Read these instructions carefully.
- Use the product within the temperature and humidity limits specified in the technical data sheet.
- Do not install the product near heat sources, such as radiators, etc.
- Do not allow the device to fall or be subjected to mechanical stress.
- Do not use chemically active or abrasive cleaning agents to clean the product. Use a damp flannel cloth.
- Do not overload the specified capacity. This may cause a short circuit and electric shock.
- Do not disassemble the product yourself - diagnostics and repair of the device should only be carried out at a certified service center.

Design and controls



Structure and Function Indication

1	Status indicator and Service life indicator
2	Gas detection holes
3	Button
4	Sound alarm holes
5	Solenoid valve cable
6	Relay cable
7	Power supply cable
8	Mounting baseplate

Connection

To connect the Nous E8 device, you need a smartphone based on the Android or iOS mobile operating system with the Nous Smart Home application installed. This mobile

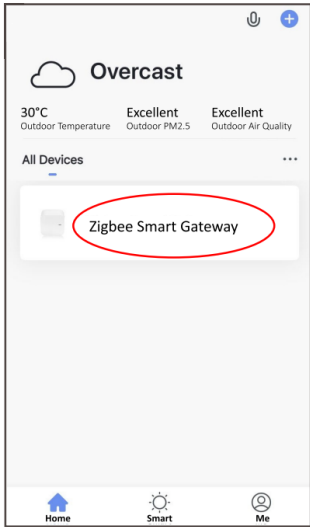
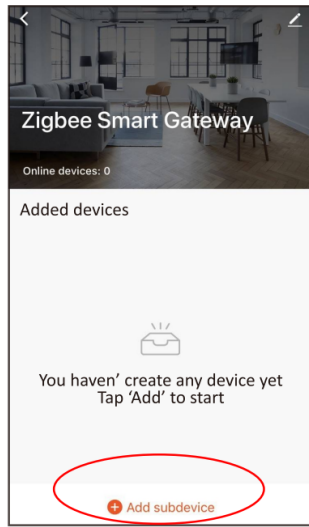
application is free and available for download from the Play Market and App Store. The QR code for the application is given below:



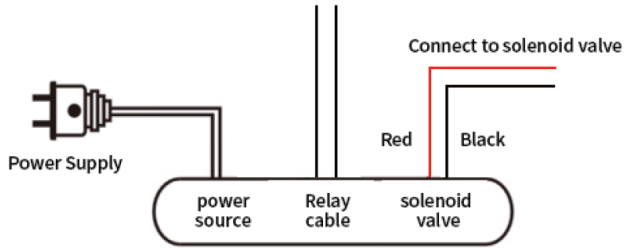
After installing the application, for it to work correctly, you need to grant it all permissions in the appropriate section of your smartphone settings. Then you need to register a new user of this application.

How to connect a smart socket to a Zigbee network:

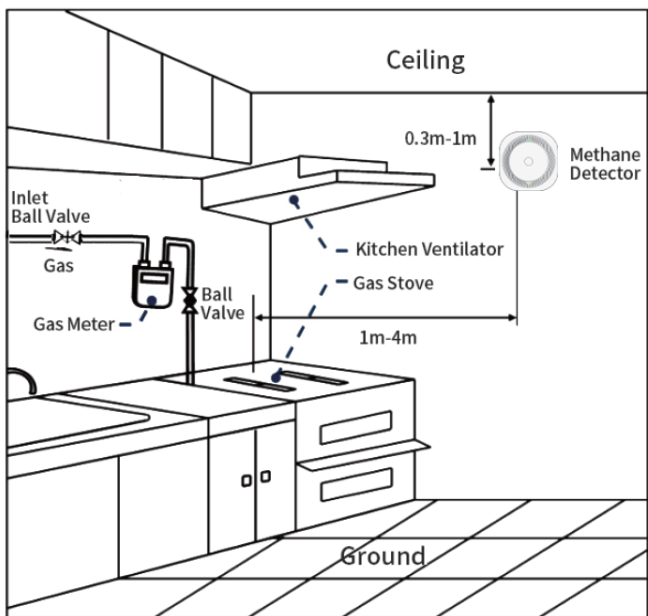

1	Connect your smartphone to the access point that will be used to connect your smart device. Make sure the network frequency range is 2.4 GHz, otherwise the device will not connect as Zigbee Hubs are not designed to work with 5 GHz Wi-Fi networks; (your ZigBee Hub must already be connected to the app)
2	Turn on the device. If the light indicator does not flash quickly, press the button for 5-7 seconds to reset the device settings to factory defaults.
3	Open the Nous Smart Home app and click the add new device button
4	An auto-scan will appear, prompting you to add a new device. Confirm the connection and start pairing.
5	If auto-scan doesn't see your device, you can select it manually from the device list
<div><div><div>nev</div><div>Welcome Home</div><div>Set your home location for more information</div><div>All Devices Гостинная Главная спальня Вторая ...</div><div><div><div></div><div>Add Device</div></div><div><div></div><div>Create Scene</div></div><div><div></div><div>Scan</div></div></div><div><div>No devices</div><div>Add Device</div></div></div><div><div>Add Device</div><div>Searching for nearby devices. Make sure your device has entered pairing mode.</div><div>Gateway: Zigbee Smart Gateway</div><div>Discovering devices...</div><div>Add</div><div>Add Manually</div><div>Smart Sockets</div><div>Smart Lighting</div><div>Smart Cameras</div><div>Smart Switches</div><div>Socket A1</div><div>Socket A1Z</div><div>Power Strip A5</div><div>Socket A7</div><div>Socket A8</div><div>Socket A3</div><div>Select Gateway</div><div>Zigbee Smart Gateway</div><div>Cancel</div></div></div>	

6	In the "Add Manually" tab, select the "Smart Sensors" category, and in it the "E9 Gas Detector" model, as shown in the figure above;
7	In the window that opens, select "next step" and click the "Forward" button;
8	connecting to a Zigbee hub
	
8	A window will appear indicating the degree of network connection and adding the current user of the application to the list of devices:
9	Once the procedure is complete, a window will appear where you can name the device and select the room it is in. The device name will also be used by Amazon Alexa and Google Home.
When the device is removed from the user's device list in the application, the smart socket settings are reset to factory settings and you will need to go through the Wi-Fi connection procedure again. If the password for the Wi-Fi access point was entered incorrectly, the application will display a "Failed to connect to Wi-Fi" window after the timer expires, offering step-by-step steps to fix the problem.	

Wiring Diagram

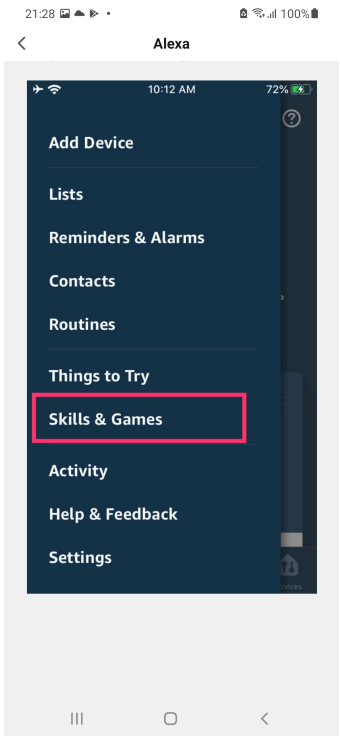
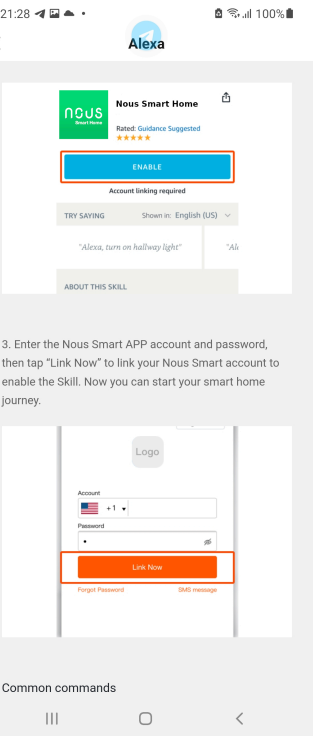
1	The power supply cable is with a plug, please directly connect to a correct socket.	
2	The solenoid valve has polarity, and the red positive and black negative lines must be connected one by one when connecting.	
3	The relay has no polarity and does not need to distinguish between positive and negative terminals when connected, and can be directly connected.	
4	If the product contains the function of solenoid valve and relay, add. If not, omit.	

Installation method

Installation procedure using the mounting plate:		
1	This detector is only suitable for indoor environment. Please install it where there is potential gas leakage or accumulation. and it should be installed horizontally 1m~4m from the gas appliance and vertically 0.3m~1m from the ceiling. Users could choose install the detector according to below diagram based on actual situation.	 <p>The diagram illustrates the correct placement of a Methane Detector in a kitchen. The detector is shown mounted on the ceiling, with a vertical distance of 0.3m to 1m from the ceiling itself. Horizontally, it is positioned 1m to 4m away from the gas stove. Other labeled components include the Gas Meter, Inlet Ball Valve, Gas, Ball Valve, Kitchen Ventilator, and the Ground floor.</p>
2	Choose a place on the wall suitable for installing the detector;	
3	Use expansion screws to fix the installation baseplate;	
4	Power on the detector and check to ensure it works normally;	
5	Install the detector by hanging it onto the baseplate.	
 Importantly:		Make sure that the Zigbee network in the selected installation location is stable and has a sufficient level.

How to connect your device to Alexa

1	Log in using your Alexa account and password (if you are not already registered, register first); Once logged in, click the menu in the upper left corner, then click "Settings" and select "Set up a new device";
2	Select "Skills" in the settings bar, then search for "NOUS Smart Home" in the search bar; In the search results, select NOUS Smart Home, then click Enable.
3	Enter the username and password you previously registered (account supported only in the United States); When you see the correct page, it means that the Alexa account is linked to the NOUS Smart Home account.

	
4	<p>Device Discovery: Users need to say to Echo: "Echo (or Alexa), open my devices". Echo will start to find devices added in NOUS Smart Home APP, it will take about 20 seconds to show the result. Or you can click "Open Devices" in Alexa APP, it will show the devices that have been found successfully.</p> <p>Note: "Echo" is one of the wake-up names, which can be any of these three names (Settings): Alexa/Echo/Amazon.</p>
5	<p>List of support skills</p> <p>User can control devices with the following instructions:</p> <p>Alexa, turn on [device]</p> <p>Alexa, turn off [device]</p>
<p>Attention: the device name must match the NOUS Smart Home APP.</p>	