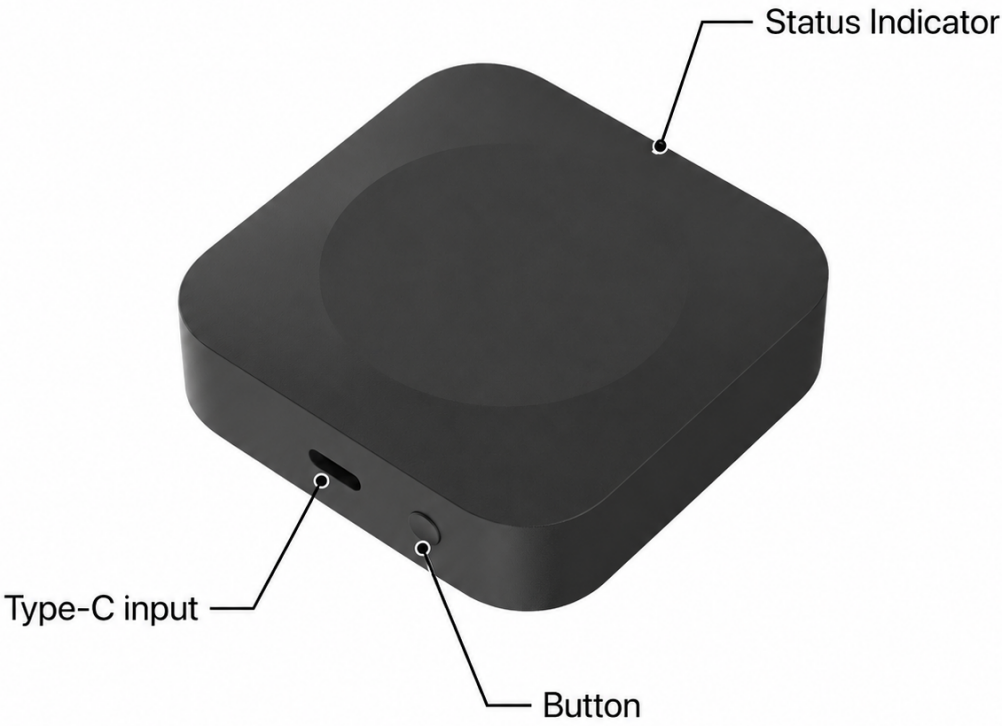
NÁVOD NA POUŽITIE

1. POPIS

Inteligentná brána NOUS E15 ZigBee (2,4/5 GHz) – je dvojpásmová, viacrežimová bezdrôtová brána, ktorá podporuje Wi-Fi 2,4/5 GHz, Zigbee, SigMesh, Beacon Mesh a komunikáciu so zariadeniami BLE s dlhým dosahom. Pripojením k bráne vytvoríte spojenie s cloudom a aplikáciou a môžete ovládať až 128 inteligentných zariadení na jednu bránu, ktoré používajú protokol Zigbee/Bluetooth.



Indikátor stavu	**Bliká oranžová** – Wi-Fi v režime párovania (pripravené na konfiguráciu) **Bliká modrá** – pridávanie podriadených zariadení **Červená** – odpojené od internetu **Modrá** – prevádzkový režim
Tlačidlo	Podržte 5 sekúnd – reset
Vstup typu C	Port na pripojenie napájania

Vlastnosti:

1. Dvojpásmová brána – Wi-Fi 2,4/5 GHz

2. Maximálna konektivita: podporuje až 128 zariadení Zigbee (32 zariadení Zigbee s nízkou spotrebou energie), alebo 128 zariadení SigMesh, alebo 64 zariadení Beacon Mesh, alebo ovládanie 4 zariadení s dlhým dosahom v reálnom čase s jedným zdrojom signálu/BLE.

3. Automatické párovanie: Pri pridávaní nových zariadení SigMesh/Beacon Mesh cez Bluetooth mobilného telefónu sa tieto zariadenia automaticky pripoja k bráne a umožnia funkciu diaľkového ovládania.

4. One-button pairing: A short press of the button on the gateway puts the device into extended pairing mode (the indicator will flash), which lasts 1 hour. During this time, if additional devices are in pairing mode, they will be added automatically. Simultaneous addition of multiple devices is supported. Pressing the button again turns off one-touch pairing mode.

5. Remote control: Users can control devices via the gateway using the app or voice commands (Alexa, Google Home, etc.).

6. Cloud-based scenarios/automation: Using the scenario and automation settings in the app, the gateway's connected devices can interact with other smart devices (e.g., Wi-Fi smart plugs).

7. Local scenarios/automation: The gateway prioritizes local scenarios/automation over cloud-based ones, reducing cloud latency. Local scenarios/automation respond quickly even when disconnected from the external network.

8. Long/short connections: The gateway supports long-range connections between individual devices and on-demand connections with slave devices to meet power consumption requirements in various application scenarios.

9. OTA: Not only does it support over-the-air (OTA) firmware updates for the gateway, but it also supports firmware updates for Zigbee slave devices, SigMesh, Single Point/BLE Long Range, and Beacon Mesh devices via the gateway.

10. Signal Level Detection: The gateway can detect the Wi-Fi signal level between the router and the gateway, as well as the Zigbee/Bluetooth signal level between slave devices and the gateway. This helps the end user quickly diagnose connection issues.

11. BLE Long Range: Thanks to the Coded PHY mode in the Bluetooth 5.0 protocol, it provides a transmission range of over 300 meters, making it suitable for low-power, long-range communication applications.

Package contents: Gateway, Type-C USB cable (0.5 m), manual.

2. TECHNICAL CHARACTERISTICS

Protocol	Frequency	Max. Transmit Power	Working Range (outdoors)
2.4 GHz Wi-Fi	2400 - 2483.5 MHz	18 dBm	200m
5 GHz Wi-Fi	5150 - 5875 MHz	18 dBm	200m
Zigbee	2400 - 2483 MHz	20 dBm	170m
Bluetooth 5.0	2402 - 2480 MHz	10 dBm	100 (300)m

Network Protocol (Wi-Fi): IEEE 802.11 a/b/g/n

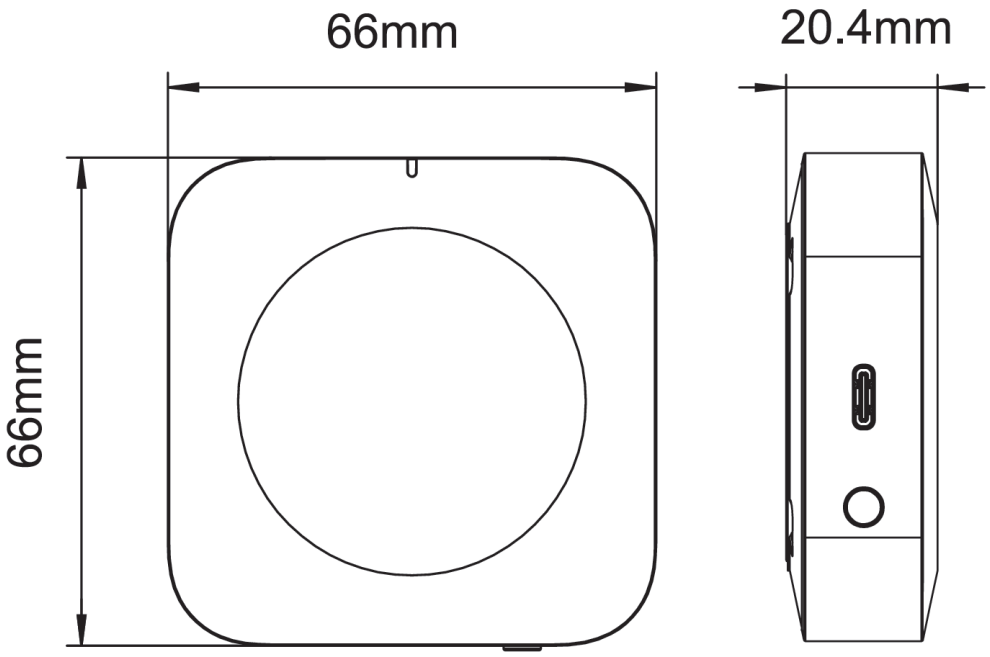
Network Protocol (ZigBee 3.0): IEEE 802.15.4

Power Input: 5V DC, 1A

Working Temperature: 0°C~45°C

Working Humidity: 10-90%RH

Dimension: 66*66*20,4mm



3. SAFETY AND PRECAUTIONARY MEASURES

- Please read this manual 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 subject to mechanical stress.
- Do not use chemically active or abrasive detergents to clean the product. Use a damp flannel cloth instead.
- Do not exceed the specified power rating. This may result in a short circuit and electric shock.
- Do not disassemble the product yourself - diagnostics and repairs of the device should only be carried out at a certified service center.

4. CONNECTION

Na pripojenie zariadenia Nous potrebujete smartfón s mobilným operačným systémom Android alebo iOS s nainštalovanou aplikáciou Nous Smart Home. Táto mobilná aplikácia je bezplatná a dostupná na stiahnutie z Play Marketu a App Store. QR kód aplikácie je uvedený nižšie:

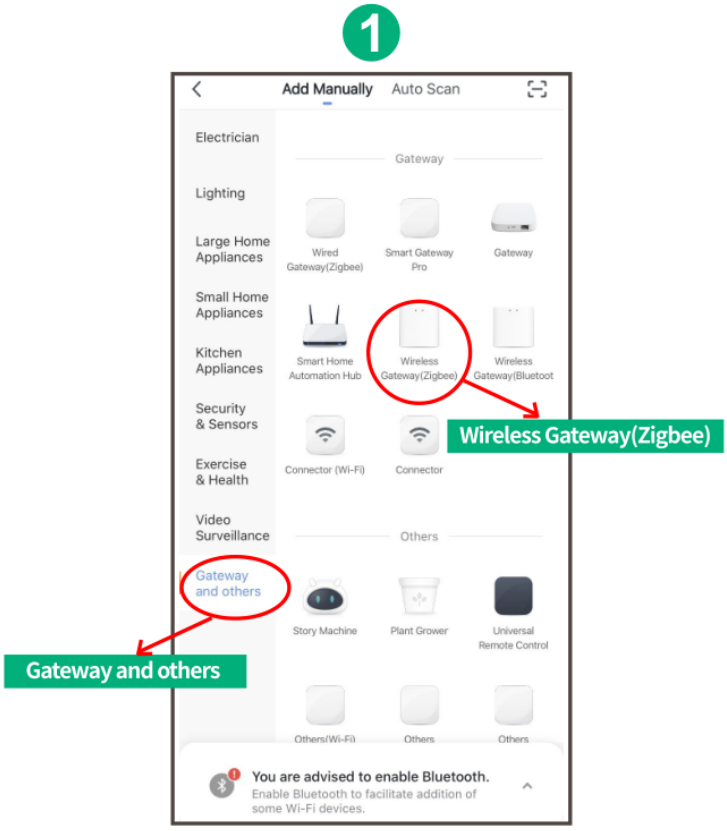
Naskenujte QR kód alebo si ho stiahnite z priameho odkazu

Stručný návod na inštaláciu:

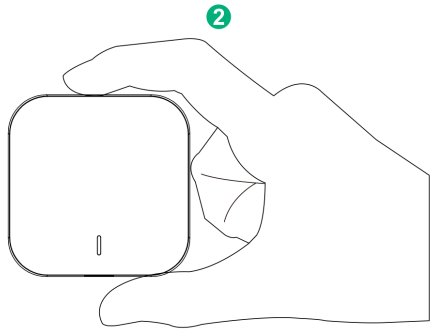
1. Naskenujte QR kód alebo vyhľadajte NOUS Smart Home v obchode APP Store alebo Google Play a nainštalujte si aplikáciu (nový používateľ sa musí najprv zaregistrovať).

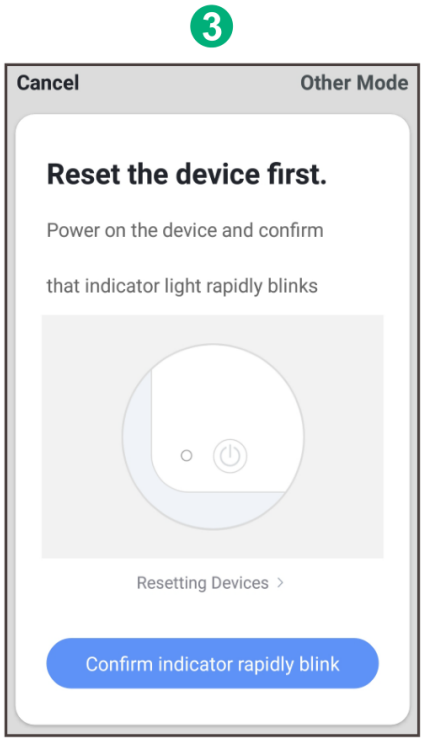
2. Pripojte mobilný telefón k 2,4/5 GHz Wi-Fi routeru (s internetom) a zapojte inteligentnú bránu do zásuvky.

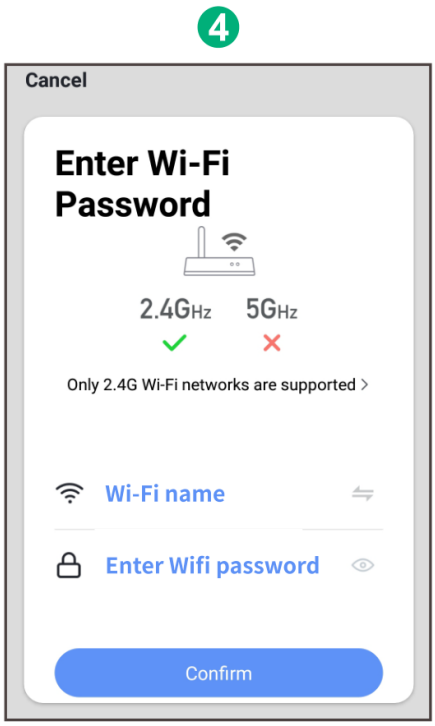
3. Spustite aplikáciu NOUS Smart Home, kliknite na „+“ v pravom hornom rohu (vyberte Brána a ďalšie -> Bezdrôtová brána (zigbee)

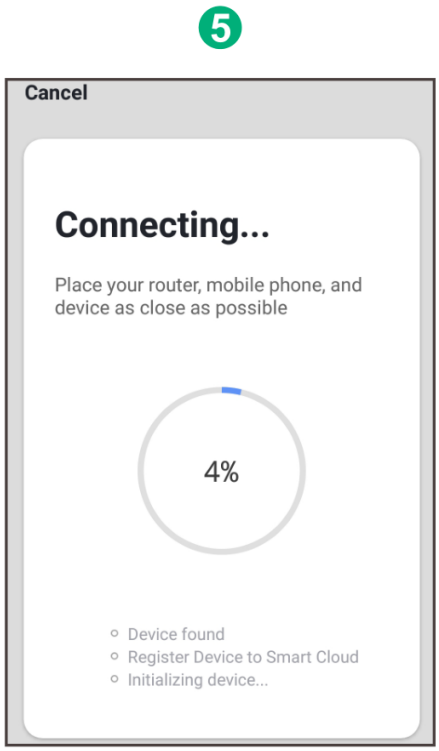
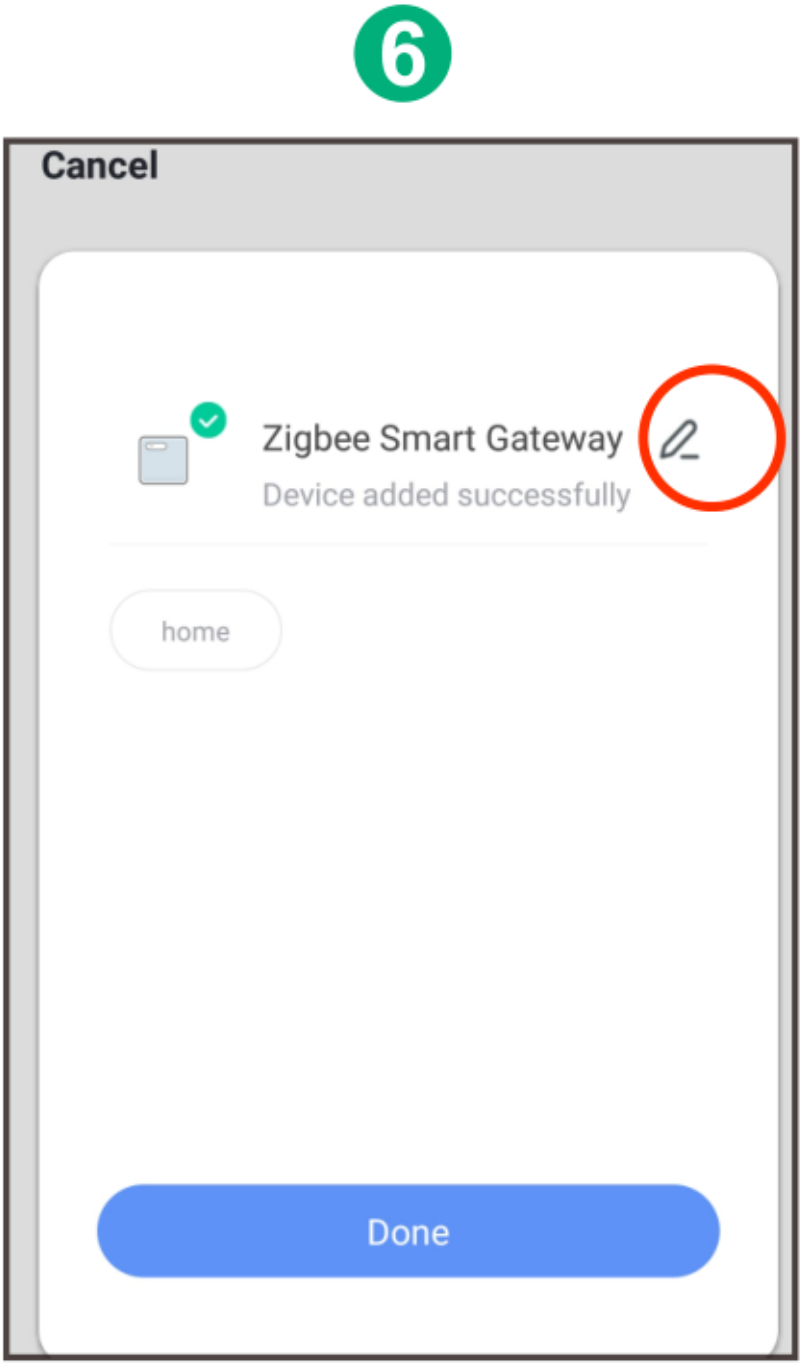


4. Stlačte tlačidlo na 5 sekúnd, kým nezačne blikať červená LED dióda, potom postupujte podľa pokynov v aplikácii a pripojte inteligentnú bránu k sieti.









5. Počkajte niekoľko sekúnd, kým sa zobrazí brána a môžete ju premenovať. Stlačením tlačidla „Hotovo“ dokončíte inštaláciu brány.