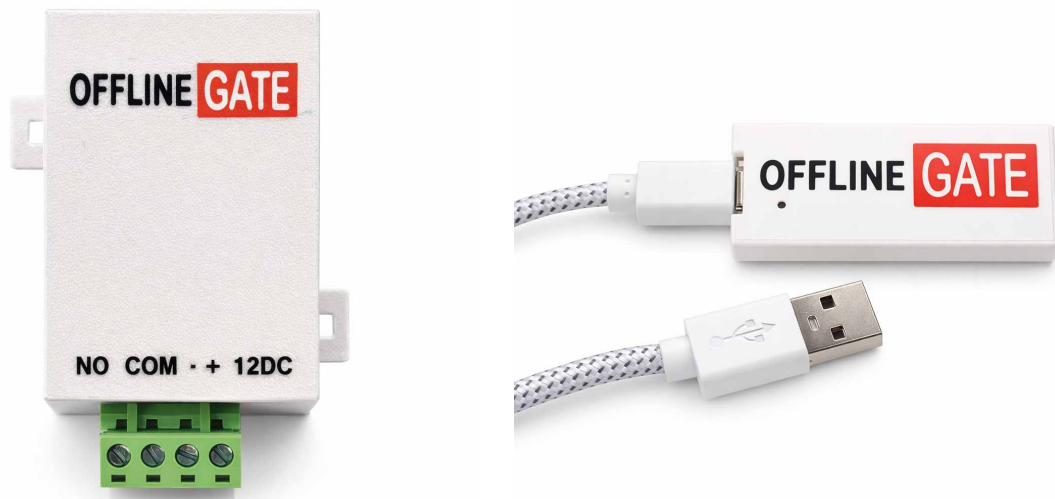


# OFFLINE GATE

## Quick Start Guide (English)

**What this kit does:** A 12 VDC dry-contact controller that opens a gate/barrier when an authorized USB dongle is nearby.



**Controller terminals (left to right):** NO • COM • - • +12DC

Version: v1.0 Date: 2026-03-02

## Safety

- Dry-contact output only: connect **NO** and **COM** to the gate/barrier input (OPEN/START).
- Power: use a **certified 12 VDC power supply** and connect to - and **+12DC** (polarity matters).
- Do **not** connect any mains voltage (110/230 VAC) to the controller.
- If you are not sure which terminals are OPEN/START on your gate controller, contact a qualified technician.

# 1. Wiring and power-up

Connect the controller to your gate/barrier system and power it on.

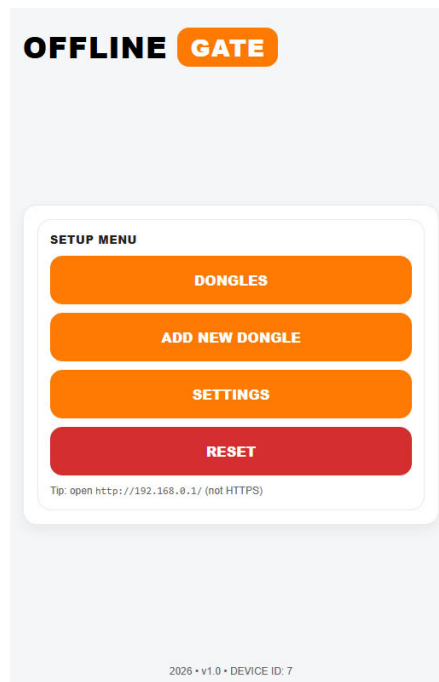
## Steps

- 1 **Power OFF** your gate/barrier control panel before wiring.
- 2 Connect controller **NO** and **COM** to the gate input labeled **OPEN / START** (dry contact).
- 3 Connect a certified **12 VDC** power supply to **-** and **+12DC** on the controller.
- 4 Power ON. Wait about **20 seconds** for the controller to boot.

## Tip

For configuration, the controller can create its own Wi-Fi access point (AP). Use the small technical hole located to the right of the terminal block.

## Setup menu



If the page does not load, ensure you opened **http://192.168.0.1/** (not HTTPS).

## 2. Enter configuration (AP) mode

### Steps

- 1 Power the controller and wait **20 seconds**.
- 2 Insert a non-metal tool (for example, a toothpick) into the **technical hole** and press until you feel a click.
- 3 Keep pressed for **5 seconds** to enable configuration mode.
- 4 On your phone, connect to Wi-Fi network **OFFLINE-GATE** with password **12345678**.
- 5 Open your browser and go to: **http://192.168.0.1/**.

**Auto-exit:** If the device stays in AP mode for more than **10 minutes**, it will automatically reboot and return to normal operation.

### Setup menu items

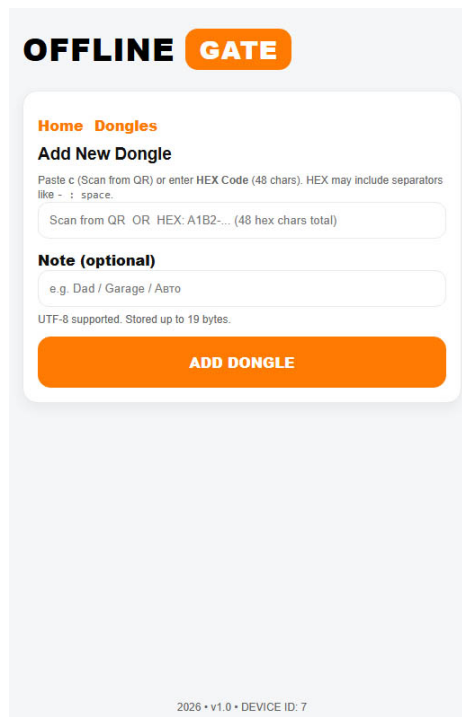
<b>Dongles</b>	View and manage paired dongles (names, enable/disable, delete, distance).
<b>Add New Dongle</b>	Pair a new dongle by scanning its QR code or entering the 48-char HEX code.
<b>Settings</b>	Configure pulse time, ignore time, and optional Advanced Protection.
<b>Reset</b>	Reboots the controller and returns to normal mode.

## 3. Add a new dongle

Each dongle is authorized by adding its QR/HEX code to the controller.

### Steps

- 1 Enter AP mode and open **http://192.168.0.1/**.
- 2 Open **Add New Dongle**.
- 3 Scan the dongle QR code (recommended) or paste the **48-character HEX** code.
- 4 Optionally set a short label in **Note** (up to 19 bytes UTF-8).
- 5 Press **ADD DONGLE**. The dongle will work immediately with default settings.



The screenshot shows a web interface for 'OFFLINE GATE'. At the top, there is a header with 'OFFLINE' in black and 'GATE' in white on an orange background. Below this, the page is titled 'Home Dongles' and 'Add New Dongle'. A text input field is provided for pasting a QR code or a 48-character HEX code. Below the input field, there is a 'Note (optional)' section with a text input field for a label, such as 'Dad / Garage / Авто'. A large orange button labeled 'ADD DONGLE' is positioned at the bottom of the form. At the very bottom of the page, the text '2026 • v1.0 • DEVICE ID: 7' is visible.

### Dongle power

Plug the dongle into your car USB (5 V) using the micro-USB cable. The dongle LED turns green. When it communicates with the controller nearby, it may blink.

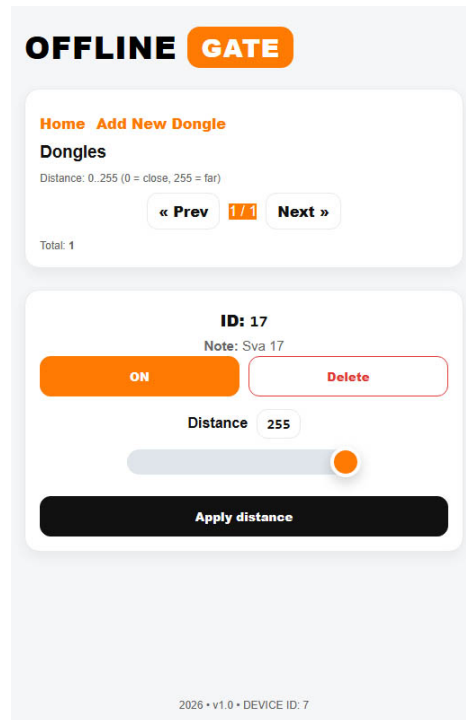
Unplug after each trip (recommended) to reduce unintended operation risk and avoid leaving electronics powered unattended.

Handle as an electronic device: keep away from water/moisture and avoid mechanical stress.

Do not leave in direct sun for long periods (high cabin temperatures may damage electronics).

## 4. Manage dongles and distance

Open **Dongles** to view the list. The list is paginated using **Prev / Next**.



### What you can do in each dongle card

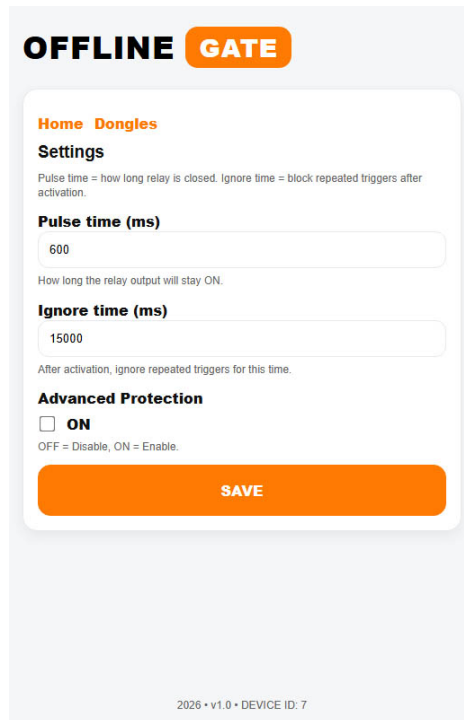
- **ID:** unique dongle number.
- **Note:** label you entered when adding. To change it, remove the dongle and add again with a new note.
- **ON:** enable/disable this dongle.
- **Delete:** removes the dongle from this controller. You must add it again to use it.
- **Protected dongle:** the dongle included in the kit cannot be deleted by mistake. To delete it, add the same dongle again (protection will be removed).

### Distance setting

Distance is a **signal threshold** (0 to 255), not meters. Higher values allow opening from farther away. Radio signal varies with obstacles and reflections, so avoid setting it too low. Default is **128**. Adjust the slider and press **Apply distance**.

# 5. Device settings

Open **Settings** to change how the relay behaves.



<b>Pulse time (ms)</b>	How long the relay output stays ON (dry contact closed).
<b>Ignore time (ms)</b>	After activation, block repeated triggers for this duration.
<b>Advanced Protection</b>	Extra protection against hypothetical attacks. <b>Experimental</b> . In poor radio conditions it may add a small delay before opening, so it is <b>OFF by default</b> .

## Reset

The **Reset** button reboots the controller. After reboot it operates in normal mode.