Auveni One

User manual · Auveni One gate controller

Version 1.0 · 2026
Applies to: Auveni One (main and intermediate gate)

1. Safety

- Installation and first start-up must be carried out by a qualified installer. Disconnect the drive power supply before any wiring work.
- The controller must operate with the required protection: photocells and/or an 8k2 safety edge and a STOP circuit. Do not operate the gate without working safety devices.
- Keep clear of the gate travel path while it moves. Keep children away from the gate and its controls.
- The device is intended for mounting inside the drive housing or a sealed box. Protect it from water and frost outside the declared range.

2. What Auveni One is

Auveni One is a controller that adds smart features to your existing sliding, swing, garage or wicket gate drive. It opens, closes and knows the gate position to the percent — and when the internet is down, it keeps working locally.

3. Installation (installer summary)

- Connect the controller to the drive outputs and inputs according to the wiring diagram supplied with the device.
- Wire the safety inputs (photocells, 8k2 edge, STOP NC). The controller honours them in hardware.
- Power the controller and check the status LED.

4. Wi-Fi connection

- On first power-up the controller exposes a configuration network. Connect to it with your phone and open the configuration page.
- Select your home 2.4 GHz Wi-Fi network and enter the password. The controller connects outbound — no router port forwarding is required.

5. Pairing with your account

- Sign in to the panel at app.auveni.com (the only sign-in address).
- Add a new device and enter the controller's pairing code/token. From now on you control the gate from the app anywhere.

6. Position calibration

- So the controller knows the opening to the percent, run one full cycle: from fully closed to fully open and back.
- The controller learns the travel time and stores it permanently. You can then stop the gate at any point (e.g. car width or a pedestrian gap).

7. Offline mode and local control

With no internet Auveni One keeps working. You can open and close the gate locally — from the device panel on the local network and through integrations (Loxone, Modbus TCP, HTTP).

8. Integrations

Auveni One exposes Modbus TCP (including a position register and status codes), an HTTP API and a Loxone template, so you can tie the gate into building automation.

9. Updates (OTA)

Firmware updates remotely (OTA). Configuration and calibration are stored in NVS memory and survive updates and restarts.

10. Factory reset

A reset restores the initial settings (Wi-Fi and pairing data). Perform it per the procedure on the device card, then repeat steps 4–6.

11. Specifications

Connectivity	Wi-Fi 2.4 GHz; MQTT over TLS (outbound)
Integrations	Loxone, Modbus TCP, HTTP API, local mode
Safety inputs	Photocells, 8k2 safety edge, STOP NC, auto-reverse
Control	Open / Close / Stop; position 0–100%, presets
Supported gates	Sliding, swing, garage, wicket (latch)
Updates	Remote OTA; settings persist in NVS memory

12. Support

Questions and help: kontakt@auveni.pl — more at auveni.pl. Keep this manual for future reference.