



The wireless bridge for
Niko Home Control
Create the ultimate flexibility

niko

Wireless bridge for Niko Home Control

With this new wireless bridge, every type of installation can therefore benefit from the full range of Niko Home Control functionalities and it creates the flexibility to easily expand their installation, now and in the future. Niko's new wireless bridge for Niko Home Control makes it possible to integrate and operate Niko Home Control products for traditional wiring into a bus wiring installation. This means that **bus wiring installations can be expanded to include all the latest Niko Home Control devices in the Zigbee® range** that were only available for traditional wiring up till now, like connected sockets and wireless detectors for instance. On top of that, the wireless bridge provides you a direct interface to the digital energy meter. Thanks to an easy connection via an RJ12 cable, users will be offered insights into their energy consumption and the injection of solar energy back to the grid or even benefit from the energy optimizations that Niko Home Control can offer.

Ref.	Description
550-00640	Wireless bridge for Niko Home Control





Easy installation

The bridge's clever design makes connecting it up easy: simply plug it into the USB port of the connected controller. There's no need for additional wiring or an external power supply.

One system, one programming, one control app

The bridge can then easily be configured via the intuitive and well-known **Niko Home Control programming software**, giving end users full control of all aspects of their system via one application, the **Niko Home app**.

Connect Niko Home Control traditional wiring range to your bus system

Standard Zigbee® 3.0 interface

Plug-and-play central meter coupling

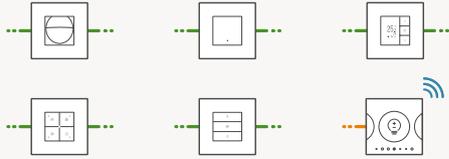
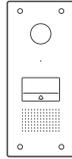
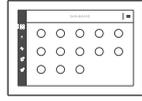
Enable your p1 port with your energy provider

Niko Home Control for bus wiring

Complete flexibility, endless possibilities,
full functionality

Niko Home Control for traditional wiring

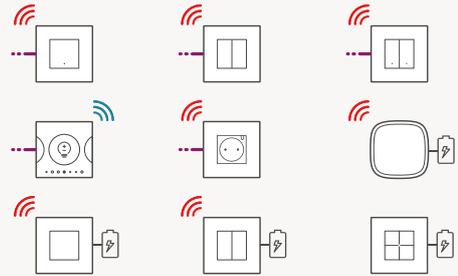
Low barrier, standard functions work
out of the box



Flexibility of operation

User-friendly design, fewer controls
needed

- 230 V
- 24 V
- BUS
- UTP
- Zigbee®
- WiFi
- Battery powered



Heating – ventilation

Control of heating and
ventilation



Digital / Analogue IN
Smoke detectors, CO2
detection, water leaks,
external alarm



The wireless bridge
The bridge between
bus wiring and
traditional wiring

Connected controls

Basic controls: switches, socket outlets,
dimmers, astro clock, roll-down shutter
control, motion detectors



**The connected
controller**
One main brain



**The wireless smart hub
for Niko Home Control**
Connect the traditional
wiring controls and
sensors with the internet

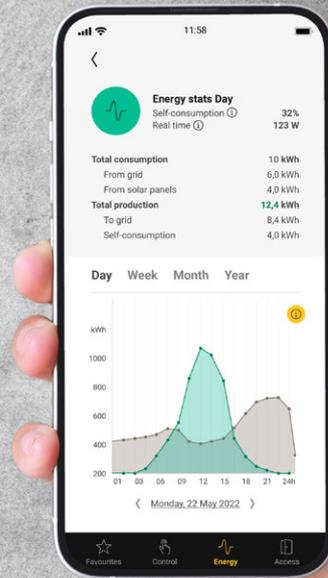


compatible with our partners



compatible with our partners





Improved energy efficiency

Our wireless bridge can also be **connected to a digital meter with an RJ12 cable**. The connection happens automatically* leading to all digital meter data becoming immediately visible in the Niko Home app. There, you'll discover insights into energy consumption and the injection of solar energy back to the grid.

Combined with the integration of connected sockets from the Zigbee® range, this opens up many **new possibilities regarding energy efficiency** for Niko Home Control users with a bus wiring installation.

Energy use cases:

- Monitor the energy consumption of specific appliances with connected sockets or smart plugs from the Zigbee® range
- Receive smart energy alerts when there is unusual high or low consumption; or when you are producing more solar energy than you are using
- Automate your self-consumption of solar energy with the solar mode
- Automatically spread your consumption during the day and avoid peaks in your consumption with the peak mode



Connected switching socket outlet with pin earthing and shutters, Zigbee®



Connected single switch, 10 A, Zigbee®



Connected double switch, 2 x 10 A (max. 16 A in total), Zigbee®



Connected dimmer, 3 - 200 W, 2-wire, Zigbee®



Connected motor control, 3 A, Zigbee®



Smart plug with pin earthing, Zigbee®



Wireless motion detector, Zigbee®

* Contact your grid operator to activate the P1 port of your digital meter.

Niko designs electr(on)ic solutions to enhance buildings to better suit the needs of the people who live and work in them. By using less energy, by improving light comfort and safety and by making sure all applications work together seamlessly. Buildings with Niko are more efficient, are controllable from a distance and interact within bigger ecosystems. Niko is a Belgian family business from Sint-Niklaas with 700 employees and 10 European branches.

At Niko, there is one question that keeps us busy every day: “How can we enhance buildings to better suit your needs?”

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