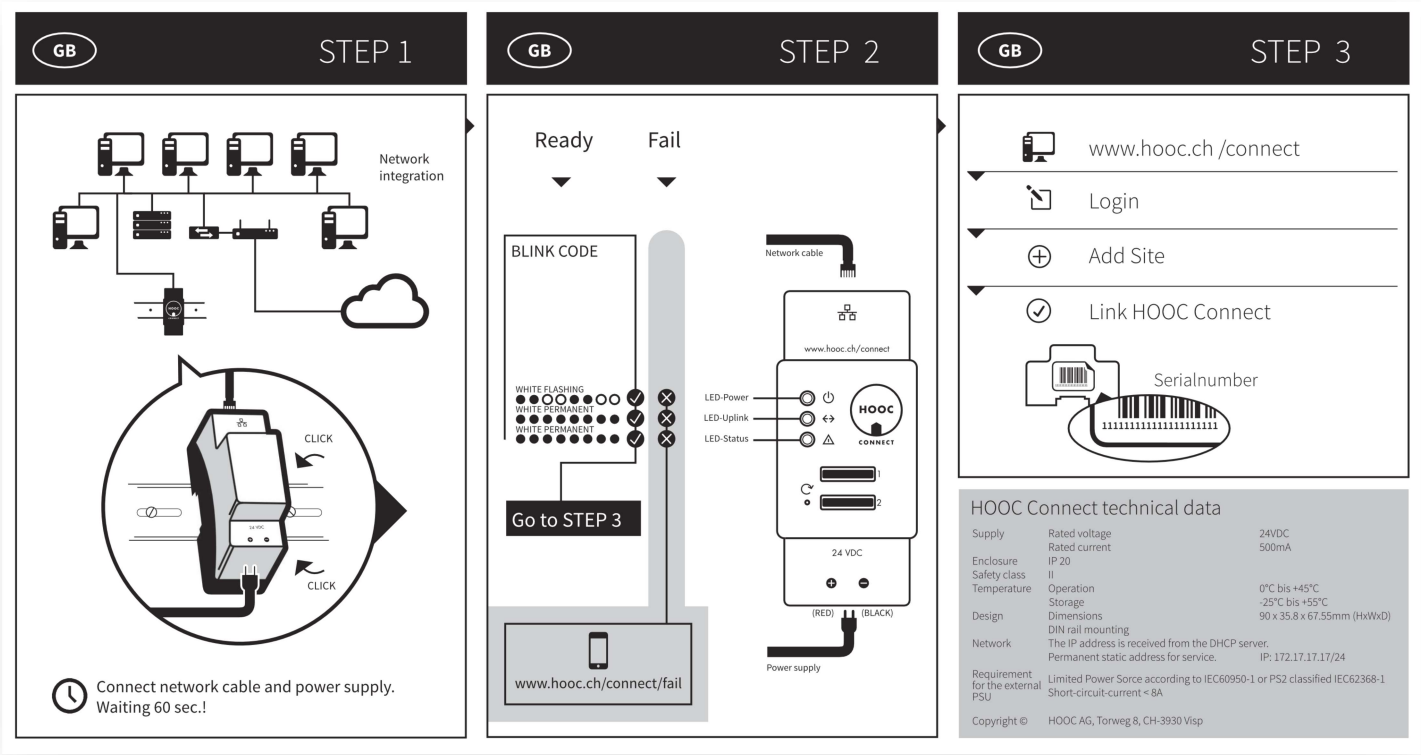
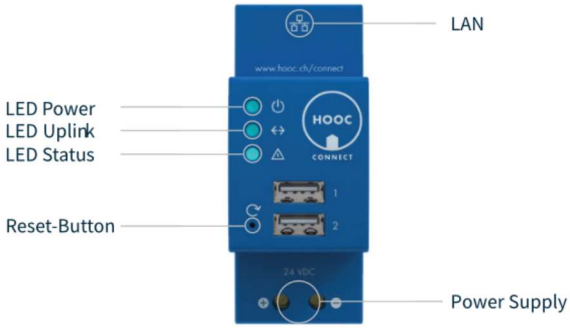
HOOC CONNECT H

Manual



Interfaces and controls



OVERVIEW LED COLOR AND BLINK CODES

Power LED	Description
	Start up device
	Normal operation
	Configuration mode is aktive

Uplink LED	Description
	SERA switched off
	SERA connecting
	SERA standby mode
	SERA connected (normal operation)

Status LED	Description	Possible cause of error
	Normal operation	
	No connection to the local Network	• The network cable is not plugged in or there is no device (e.g. switch) at the other end of the network cable. • Network cable defective
	Can't obtain an IP address	• There is no DHCP server in the network segment of the HOOC Connect.
	Default gateway is unreachable	• There is no default gateway (router) in the network segment of the HOOC Connect. • Default gateway blocks ICMP requests.
	DNS Server is unreachable	• The DNS server used is not configured correctly. • The DNS server (local or provider's) cannot be reached. • If the provider's DNS server is used, the firewall may block access (e.g. 8.8.8.8 - google).
	No connection to HOOC Cloud	• There is no internet connection. • Port 443 (outgoing) may be blocked by the firewall. • You may be using a web proxy. The connection to the HOOC Cloud does not work behind a Webproxy.

RESET-BUTTON

1 Sek.	Enable configuration mode
5 Sek.	Restart gateway
15 Sek.	Reset to factory settings

Configuration

The parameterization of the HOOC Gateways (series H) **from firmware 2.x.x** can be done via browser.

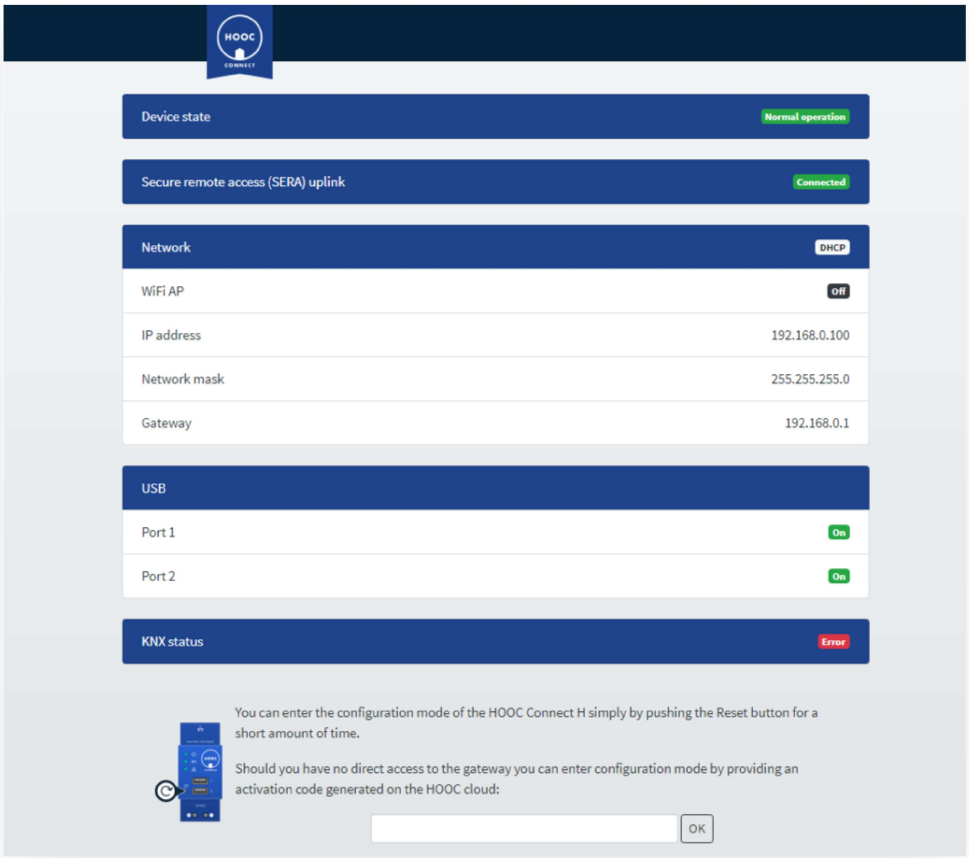
Info

The device obtains an IP address via DHCP in the factory settings. In addition, the HOOC Gateway is configured with a static IP address **172.17.17.17**.

Establish connection to the HOOC Gateway

Follow the instructions below to connect (your PC) to the HOOC Gateway:

1. Connect the HOOC Gateway to the power supply
2. Wait until the device has started up (approx. 1min)
3. Connect your PC to the network port of the HOOC Gateway, or to the switch to which the HOOC Gateway is connected to.
4. Set your network adapter to the IP address 172.17.17.16 with the subnet mask 255.255.255.0
5. In your browser (preferably *Google Chrome*) open the URL 172.17.17.17



Configuration mode

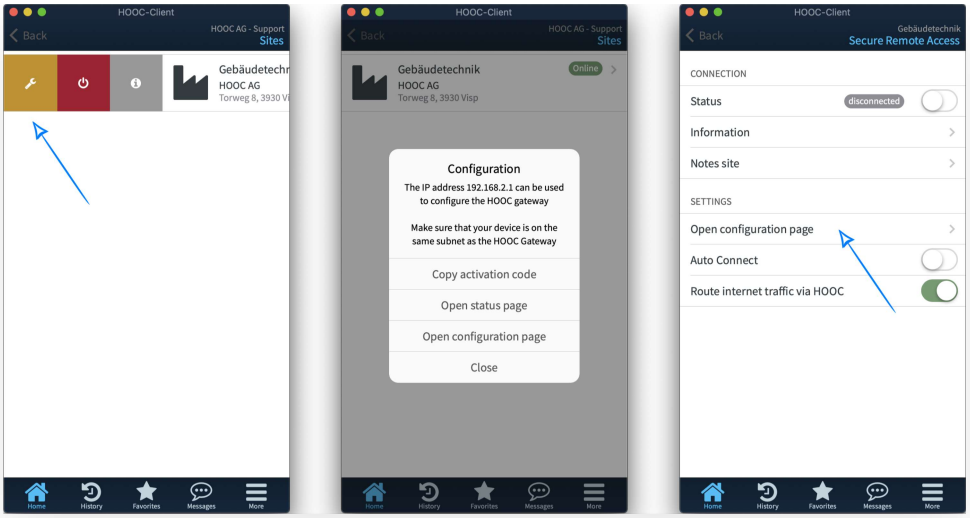
Enter configuration mode

Local

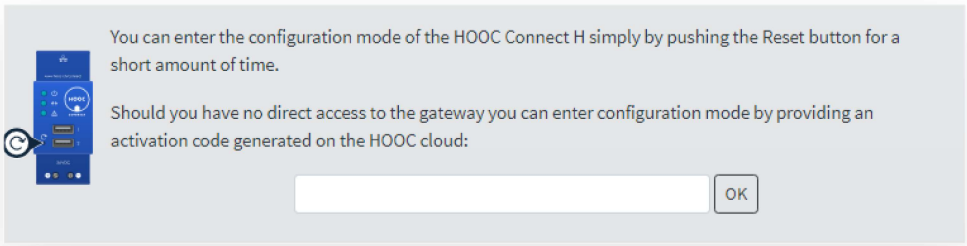
The configuration mode can be activated by pressing the reset button briefly (1 sec).

from Remote

The configuration mode can be activated remotely with the HOOC App. The activation code of a HOOC Gateway can be generated either in the sites overview or in the menu “Secure Remote Access”.

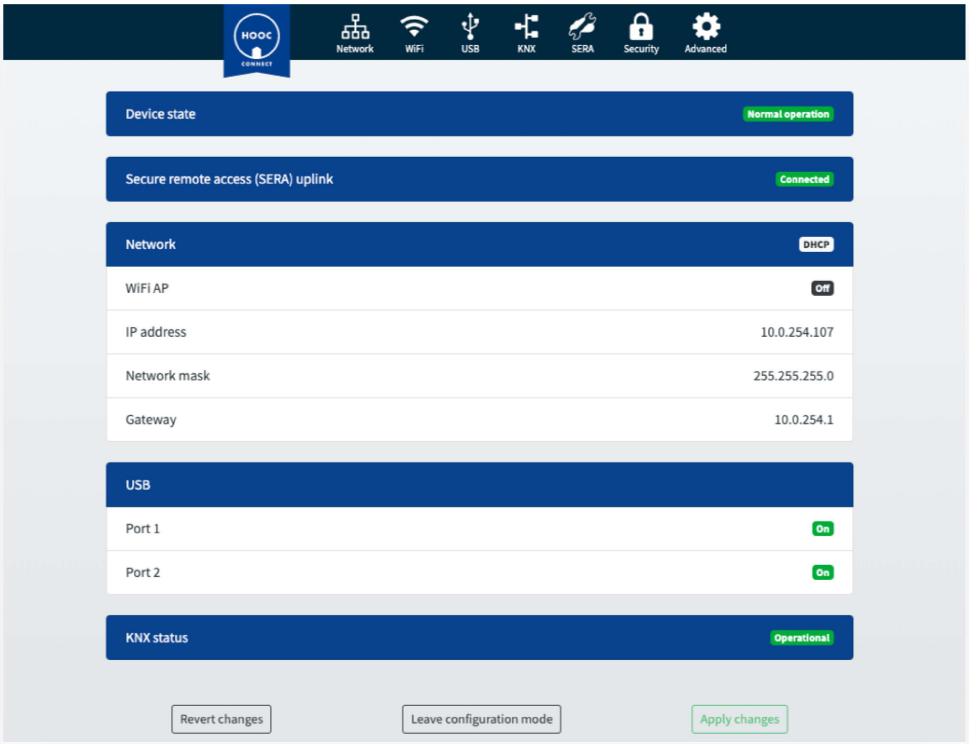


The generated code can now be used to activate the configuration mode.



Info

If the configuration mode is active, the power LED (red) lights up continuously.



Exit configuration mode

The configuration mode can be deactivated by pressing the **Leave configuration mode** item, or it automatically dactivates 30 seconds after disconnecting from the configuration page.

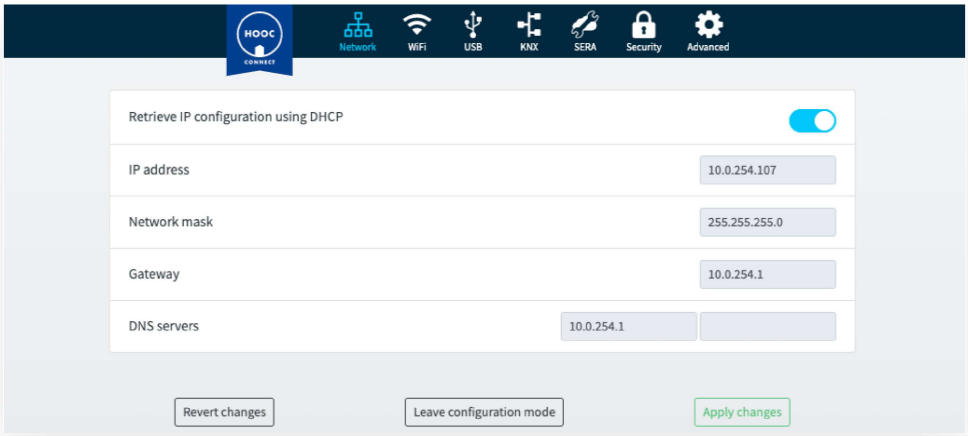
Info

If the configuration mode is inactive, the power LED flashes white.

Apply configuration

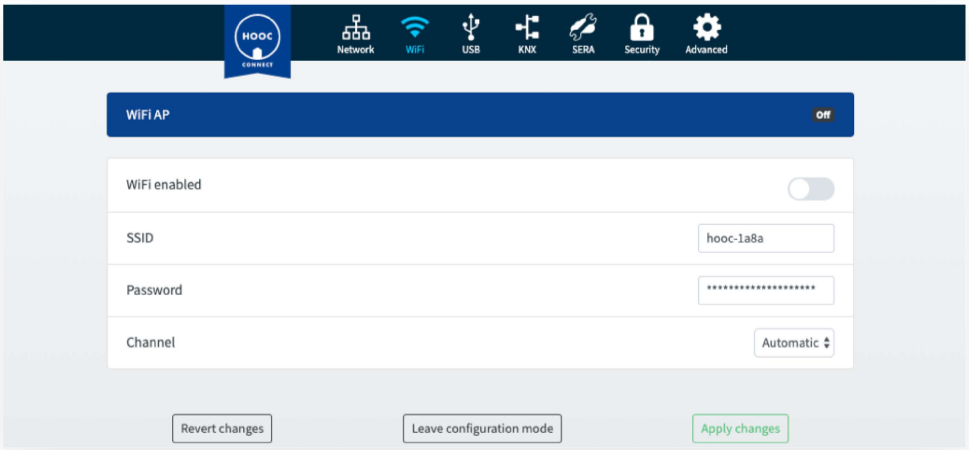
Once the new settings have been made, they can be transferred to the HOOC Gateway by clicking on the **Apply changes** element.

Configuration network port



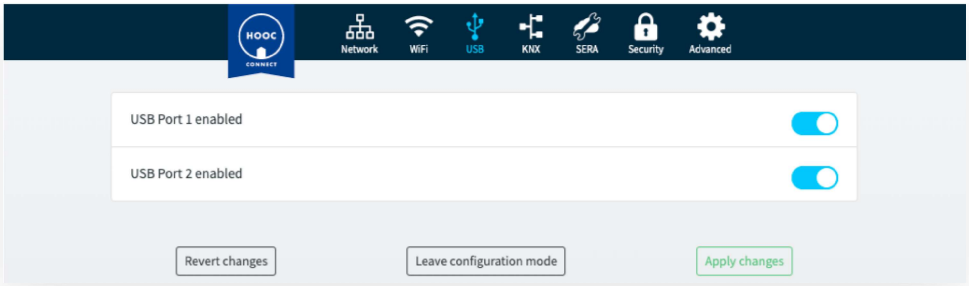
The device obtains an IP address via DHCP. If required, this IP address can be defined statically.

Configuration WiFi



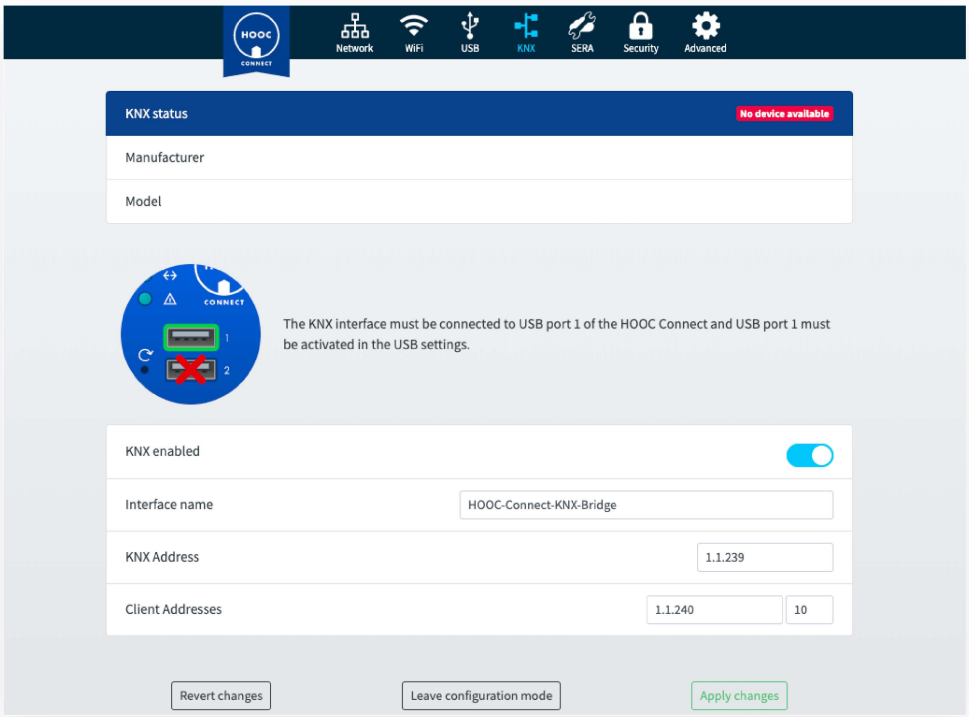
The WiFi can be used as an access point for the LAN network. The **password** corresponds to the **serial number** of the gateway by default and is **switched off**.

Configuration USB



The power supply of the USB interfaces is switched on at delivery.

Configuration KNX



HOOC offers the possibility of converting data from a KNX USB interface into data from a KNX IP gateway or KNX IP router. Thus a KNX USB interface can also be used as a “terminal device” in the *Secure Remote Control* service via HOOC Connect. The following settings can be made:

Setting	Description
KNX enabled	Enables/disables KNX functionality

Setting	Description
Interface Name	Name of the interface (displayed in the ETS)
KNX Address	KNX source address of the HOOC Connect to be used
Client Addresses	KNX start source address to be used for packets and number of parallel connections for (KNX IP tunneling)

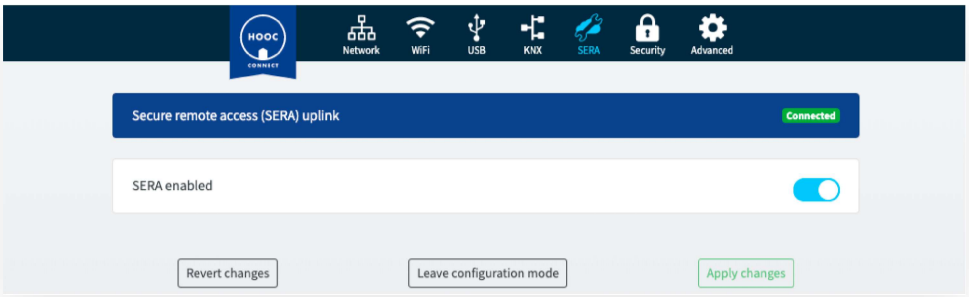
The source addresses 1.1.240 to 1.1.249 are used for the setting 1.1.240 and 10 Client Address.

A commercially available KNX USB interface can be connected to USB port 1. The connection status of the KNX USB interface is displayed directly including information about the manufacturer and the model. The list below gives an overview of supported and ETS tested types.

KNX USB Interface	USB Vendor ID	USB Product ID	tested (ETS)
Siemens KNX/EIB-USB Interface (Flush mounted)	0e77	0111	
Siemens KNX/EIB-USB Interface (DIN rail)	0e77	0112	✔
Siemens OCI700 Service Interface	0681	0014	✔
Merlin Gerin KNX-USB Interface (Flush mounted)	0e77	0141	
Hensel KNX-USB Interface (Rail mounted)	0e77	0121	
Busch-Jaeger KNX-USB Interface (Flush mounted)	145C	1330	

KNX USB Interface	USB Vendor ID	USB Product ID	tested (ETS)
Busch-Jaeger KNX-USB Interface (surface mounted)	145C	1490	
ABB STOTZ-KONTAKT KNX-USB Interface (MDRC)	147B	5120	✔
Feller KNX-USB Data Interface	135E	0026	
JUNG KNX-USB Data Interface	135E	0023	
Gira KNX-USB Data Interface	135E	0022	
Berker KNX-USB Data Interface	135E	0021	
Insta KNX-USB Data Interface	135E	0020	
Weinzierl KNX-USB Interface (Flush mounted)	0e77	0102	✔
Weinzierl KNX-USB Interface (RS232)	0e77	0103	
Weinzierl KNX-USB Interface (Rail mounted)	0e77	0104	
Tapko USB Interface	16D0	0490	
Hager KNX-USB Data Interface	135E	0025	✔
Preussen Automation USB2KNX	16D0	0492	
Merten KNX-USB Data Interface	135E	0024	
b+b EIBWeiche USB	04cc	0301	
MDT KNX_USB_Interface	16D0	0491	
Mean Well KSI-01U	28c2	0013	✔
Apricum KNX USB Interface UIM	28c2	000f	✔

SERA Settings

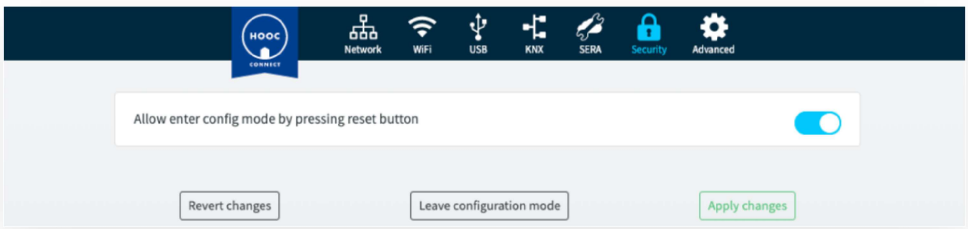


SERA can be activated or deactivated here.

Warning

Deactivating will prevent the HOOC Gateway to connect to the HOOC Cloud and the services of HOOC will no longer be usable.

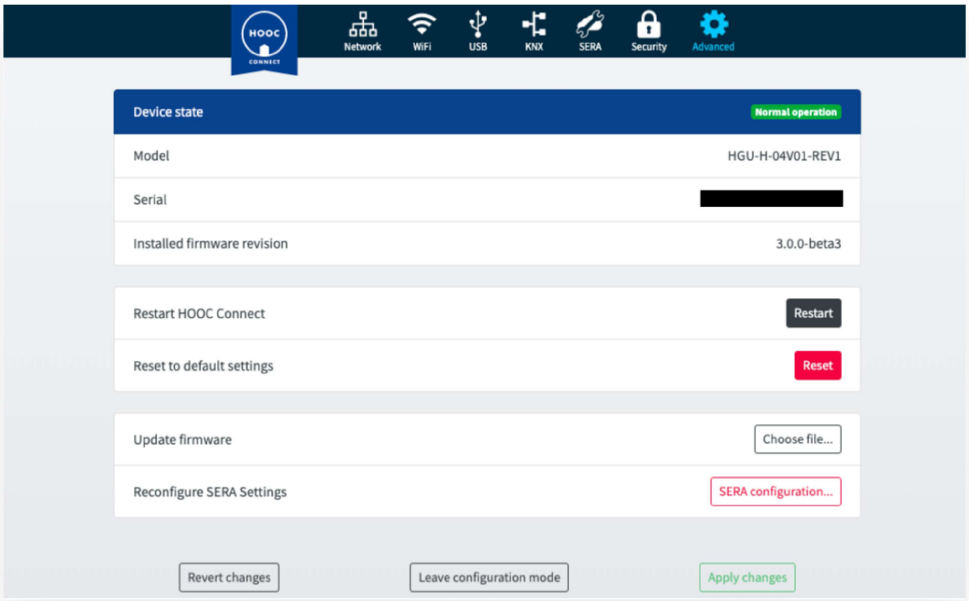
Security Settings



When deactivating the setting *“Allow enter config mode by pressing reset button”*, the configuration mode cannot be more can be activated with the reset button **(local)**. The activation of the configuration mode can only be done with an activation code take place. Thus, persons without access authorization to the *site* cannot reconfigure the device.

Advanced Settings

The advanced settings shows the device status and the device information.



Restart HOOC Connect

The device can be rebooted by clicking on the **Restart** element without interrupting the power supply.

Reset to default settings

Clicking on the **Reset** element resets the device to the factory settings.

Firmware update

HOOC recommends regular updates of the firmware. The firmware can be downloaded from the HOOC Management Portal at the corresponding site under the menu **HOOC Gateway -> Configuration**.

Warning

Follow the instructions in the configuration tool and **make sure that the power is not interrupted during the upgrade process!**