

Viessmann communication module Vitoconnect - Commissioning

This brief installation instruction provides a quick overview of all the necessary steps. Additional information, safety instructions, references, and sources can be found in our [HelpCenter](#). The Installation instructions are only valid for the integration of the energy management system and the configuration of relevant assets. Make sure to carefully read the **safety instructions** and adhere to the **infrastructural requirements for a gridBox gateway installation**.

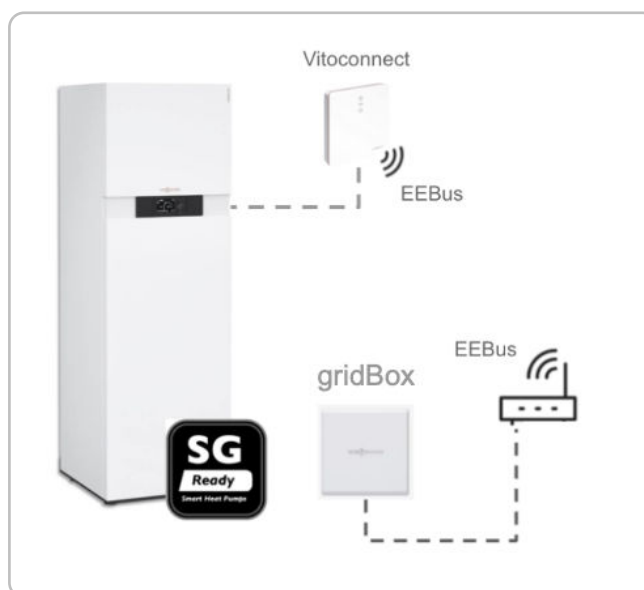
Required:

- Latest firmware, at least 3474
- Credentials:
 - user name: admin
 - password: last 8 digits of the manufacturer number Vitoconnect



Connection

1. Connect the heat pump to the communication module Vitoconnect.
2. Connect the gridBox to the local Ethernet using an Ethernet cable.



Configuration

The configuration is carried out via the web interface of the communication module.

1. Access the web interface via <http://vitoconnect>.
2. Alternatively, determine the IP address of the Vitoconnect using an IP scanner.
3. Enter the credentials and log in to the web interface.



NOTICE

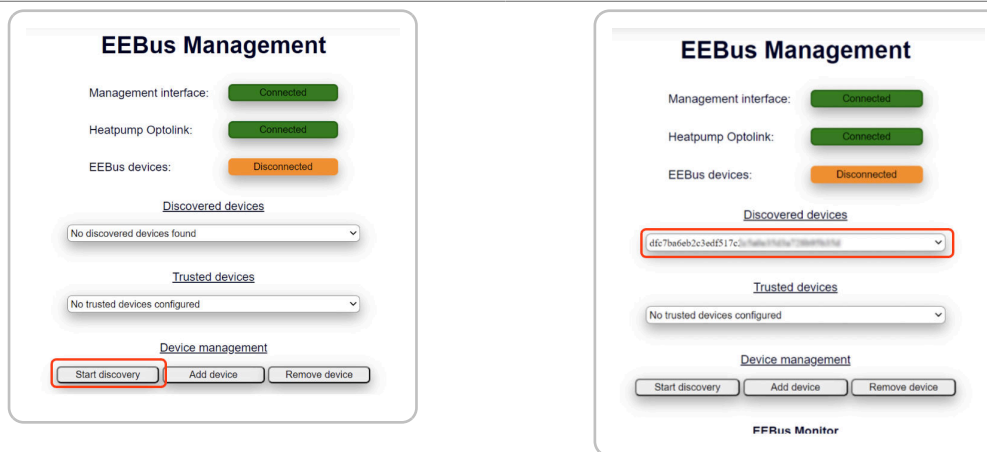
Vitoconnect is not displayed as Vitoconnect in the network.

Connect via EEBUS

1. On the status page, click on **EEBUS Configuration/Management**
2. Click on **activation**
3. Within the next window, click on **Reboot Vitoconnect** and wait until it has restarted and the window has refreshed.



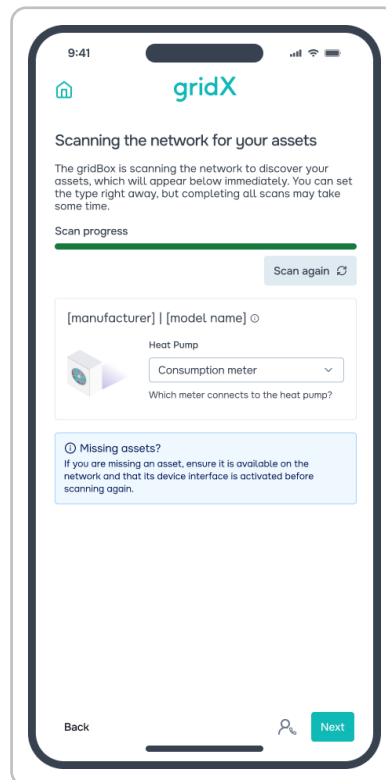
4. After the reboot, select again **EEBUS Configuration/Management**
5. Within the next window, click on **Start Discovery**
6. Select the **SKI** for the gridBox (on the type plate) in **Discovered devices**. Keep the page open and continue with the gridBox system setup.



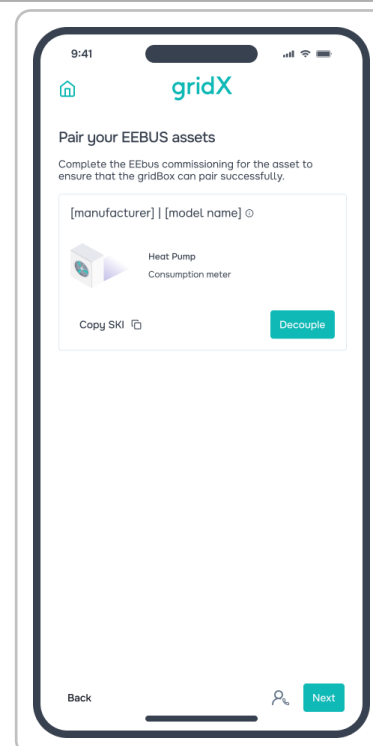
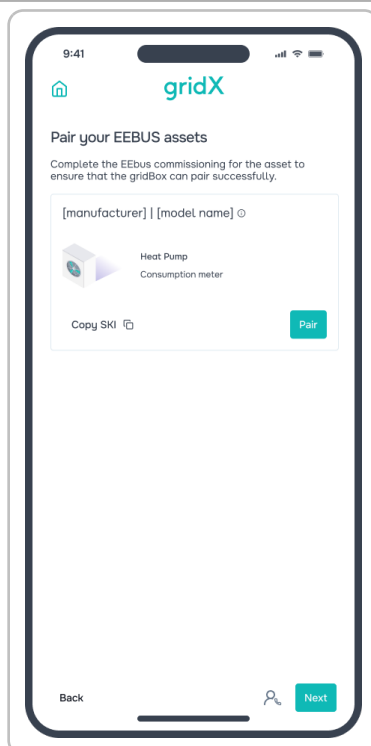
Register the heat pump in the commissioning wizard

After the commissioning of the heat pump, follow the gridBox commissioning steps. If the heat pump is found during the scan, it is displayed in the wizard.

1. Depending on how the heat pump is connected, select
 - **Consumption meter**, if it is connected directly to the household meter or
 - **Additional meter**, if the heat pump meter is located somewhere else than the household meter.



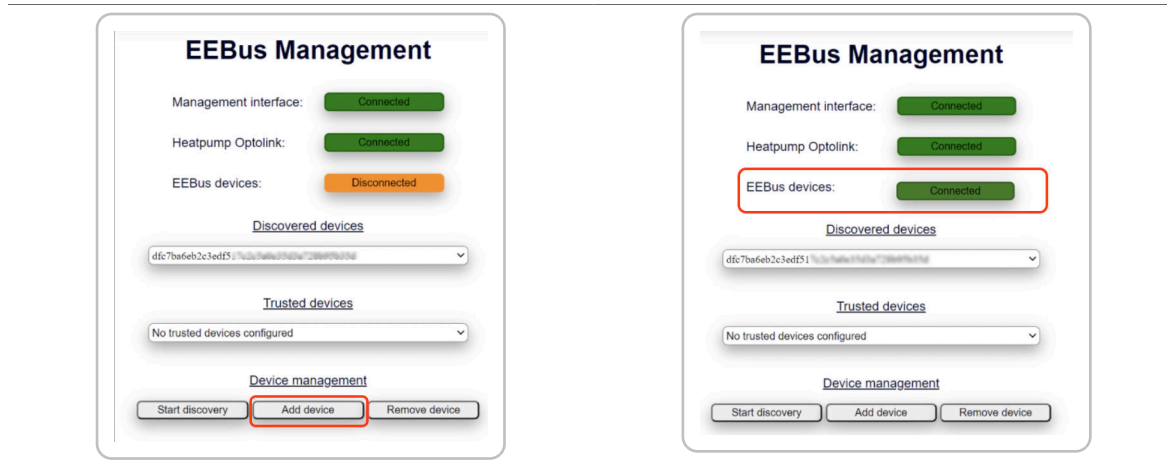
2. To initiate pairing, click the **Pair** button. The button then changes to show the **Cancel** option.
3. The pairing is successful when the button changes to **Decouple**.



Finalize EEBUS approval Vitoconnect

1. Go back to the Vitoconnect web interface.

2. Select **Add device**.
3. If the button behind **EEBUS devices** displays **connected** in **green**, the EEBUS connection is successful.
4. Close the browser.



The following settings must be made on the heat pump controller in conjunction with Viessmann heat pumps:¹

- Configure the heat pump so that the smart grid function of the heat pump can be used via EEBUS. Set **Freigabe Smart Grid 7E80 to 3**
- Configure the setpoint increases for smart grid accordingly so that the heat pump can provide sufficient flexibility for the energy management system. For more information, refer to the installation instructions of the heat pump.

¹Bedienungsanleitung-Vitoconnect-OPT02_OT2_Kommunikations-Schnittstelle_zur_Fern%C3%BCberwachung_und_Fernbedienung_von_Heizungsanlagen_%C3%BCber_das_Internet_f%C3%BCr_folgende_Bedi.pdf, p. 23