

Installation Guide

DEVI Connect

Internet connect your zigbee enabled DEVI devices for full control from anywhere at any time



Make it easy,
make it DEVI



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1 Introduction

DEVI Connect Zigbee gateway and app make it easy to manage your DEVI Zigbee enabled devices. DEVI Connect is designed for the end user to access the most important features from anywhere at any time. Create and adjust weekly Schedules or manually set temperatures to gain optimal comfort without wasting energy.

The gateway is easy & fast to configure - first connect it to your router with the provided ethernet cable and plug the gateway into a power outlet. Then download the app, follow the instructions and pair your Zigbee enabled devices.

The gateway requires an internet connection, an open port on the router, and a power outlet.



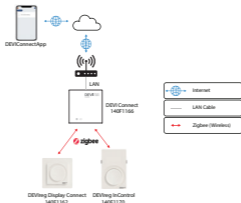
- **DEVI Connect App**

1.1 Key features

- Zigbee connectivity
- In app setup
- Plug and play gateway
- Remote and local control
- Power adapter included
- Multilanguage app
- Shine through indicators for network and pairing
- Customizable scheduling

1.2 DEVI Connect Components and Communication Map

The DEVI Connect gateway communicates zigbee to your zigbee enabled devices and broadcasts to the cloud via LAN connection to router. Your internet connected phone with DEVI Connect App can control your devices from anywhere.



The Zigbee connection between the DEVI Connect gateway and the thermostats is wireless, so it's important to position the gateway correctly. Avoid placing it too close to metal objects (e.g., radiators) or inside enclosed spaces. When powered on, the Zigbee thermostats also function as repeaters, extend the system's wireless range (see below).



1.3 **Settings and adjustments for thermostats and DEVI Connect system**



**DEVI Control
Bluetooth App**



**DEVI Connect
Zigbee App**



Operating Modes for DEVI Thermostats with Bluetooth and Zigbee

DEVI thermostats can be used in three different modes:

1. Fit & Forget (Default Mode)
 - Simply install the thermostat and use the dial to set the temperature manually.
 - No app required.
2. Local Control via Bluetooth (using the DEVI Control App)
 - Commissioning: Adjust installer and advanced settings.
 - Daily Use: Create weekly schedules, enable child lock, and more through the app. Alternatively, you can still adjust the temperature directly with the dial.

3. Remote Control via Zigbee (using the DEVI Connect App)

- Requires a DEVI Connect Gateway or a compatible third-party Zigbee gateway.
- Daily Use: Control schedules, child lock, and similar features via the app.
- Commissioning: See important note below.

Important Information for Zigbee Mode (Commissioning)

When the thermostat is used in Zigbee mode, all commissioning (installer/advanced setup) must be done via Bluetooth with the DEVI Control App.

The following settings can only be configured through Bluetooth:

- Floor type (Default: Hardwood, 28 °C)
- Sensor type (Default: 15 kΩ)
- Control mode (Combined, Floor, or Room with breakout)
- Smart Preheating (On/Off)
- Temperature limits (Minimum & Maximum)

Note:

- These settings are saved directly in the thermostat.
- They are not visible in the DEVI Connect Zigbee App.
- To change them later:
 1. Switch the thermostat to Bluetooth mode.
 2. Open the DEVI Control App and adjust the settings.
 3. Switch the thermostat back to Zigbee mode.

2 **Standard Compliance**

Electrical safety, Electro-Magnetic Compatibility and Radio aspects for this product is covered by the compliance with the following relevant standards:

- d. EN IEC 62368-1 Safety requirements
- e. EN 55032:2015 Emission Requirements
- f. EN 55035:2017 Immunity requirements
- g. EN IEC 61000-3-2 Limits for harmonic current emissions
- h. EN 61000-3-3 Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems
- i. EN 301 489-1 V2.2.3 Electromagnetic compatibility and Radio spectrum Matters (ERM)
- j. EN 301 489-17 V3.3.1 Specific conditions for Broadband Data Transmission Systems
- k. EN 300 328 V2.2.2 Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques
- l. EN 18031-1 Internet connected radio equipment

Compliance with EN 18031-1 – Cybersecurity and Data Protection

The DEVI Connect gateway complies with **EN 18031-1**, the European harmonized standard that supports the **Radio Equipment Directive (RED)** by setting cybersecurity and data protection requirements for wireless communication devices.

To ensure compliance and protect both the device and its users, the following guidelines must be followed:

- **Firmware Updates:** Regularly check for firmware updates via the DEVI Connect App and apply them promptly to benefit from the latest security improvements.
- **User Responsibility:** Only authorized persons should be allowed to install, configure, and manage the gateway.
- **Secure Network Integration:** When integrating into building networks or automation systems, ensure that the gateway connects through secured local networks or VLANs.
- **Limit App Access:** Avoid sharing the DEVI Connect App login or access with unauthorized users. Only trusted individuals should be allowed to connect to and control the gateway.

The DEVI Connect Zigbee Gateway is considered a UK consumer connectable product under the UK Product Security and Telecommunications Infrastructure (PSTI) regime, as it connects to the internet via Ethernet, while the smartphone application integrates with the cloud.

The UK Product Security and Telecommunications Infrastructure (Product Security) Regime

No universal default passwords: The product does not have any preset or hard-coded passwords.

Implement a means to manage reports of vulnerabilities: You can report any vulnerabilities by visiting our website:

<https://www.danfoss.com/en/service-and-support/report-security-vulnerability/>

Transparency and support for firmware updates: The gateway supports firmware updates via the DEVI Connect App. Danfoss provides firmware security updates for at least five years from the date of purchase.

Data Act Compliance (EU Regulation 2023/2854)

In accordance with the EU Data Act (Regulation 2023/2854), Danfoss provides all required information on data handling, user rights, and compliance. In the Compliance section of the Danfoss Product Store, you will find the Manufacturer's Declaration and the Data Act Information to the User.

3 Contents in the Package of the DEVI Connect gateway

The DEVI Connect gateway is supplied with installation guide, LAN cable and power supply cable.

Products compatible with DEVI Connect gateway

DEVIreg™ InControl

Item no.	140F1170
Type	Connectable Zigbee thermostat with NTC 15 k Ω @ 25°C, 3 m sensor in box
EAN no.	5703466250419

DEVIreg™ Display Connect

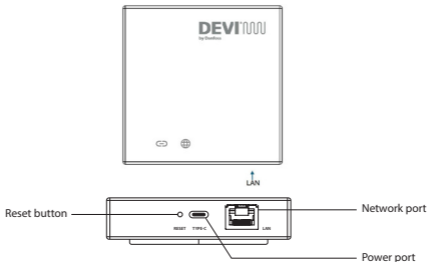
Item no.	140F1162
Type	Connectable Zigbee room thermostat with NTC 15 k Ω @ 25°C, 3 m sensor in box
EAN no.	5703466250396

4 Technical specifications

Adapter	100 V- 240 V~ 50/60 Hz , 5 V 1 A DC
Power Consumption/ Standby	< 5 W / < 2 W
Wired Communication	10/100M Ethernet Port (RJ45, LAN)
Power supply	5 V DC (USB-C)
Wireless communication	Zigbee
Transmission range	Up to 30 m
Pollution degree	2 (domestic use)
Firmware updates	Supports over the air updates
Storage temperature and conditions	-20 °C to 60 °C, 90% RH non-condensing
Operating temperatures and conditions	-10 °C to 45 °C, 90% RH non-condensing
IP class	IPX0
Transmission frequency (GHz)	2.405 – 2.480 GHz
Transmission Power (dBm)	<19 dBm
Color	RAL 9016 Polar white
Dimensions (H/W/D):	90 mm x 90 mm x 23 mm
Weight, net	152 g

5 Product Appearance

DEVI Connect gateway is the control center for Zigbee devices.



Globus

- Green LED constant
- Green LED flash
- No LED

LAN connected
Data in transimission
LAN cable not connected

Pairing

Blinking when in pairing mode

6 Installation Guides

Step 1

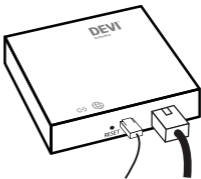
Download the
"DEVI Connect" App from
Google Play or App Store



DEVI Connect App:

Step 2

To enable smartphone control, your DEVI Connect gateway needs to be connected to the mains power and the Ethernet. Use the cables provided with the DEVI Connect Gateway



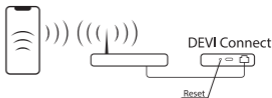
Step 3

Connect your DEVI Connect to the network.

Make sure your mobile device is connected to Wi-Fi from the same router as the gateway is connected to with the cable.

Add the gateway to the app as prompted.

In case of unsuccessful connection, press and hold the “Reset” button for 5 seconds until the LED starts blinking, then release the button and repeat connection.



Step 4

Add sub-devices by clicking the plus in up-right corner and press "Add Device"



Step 5

Follow the step-by-step wizard by pressing the thermostat you want to pair.

Quick pairing is possible at this screen. Ensure your thermostat is in zigbee mode (**To switch between Bluetooth->Zigbee or Zigbee->Bluetooth:** press and hold reset button for 5 seconds until radio symbol starts blinking. Release after 1-2 blinks).

Activate pairing sequence on thermostat by pressing reset button (1 second). The radio symbol will flash red for about 2 minutes. If the pairing stopped, try again by pressing reset button for 1 sec.



6.1 **Network settings**

- **Reset network**

Press and hold the gateway button for more than 5 seconds to reset the device. After the initialization of the device is completed, the device will on distribution network state again, and repeat the step of [Add device]

- **Note:**

In order to make the connection more smoothly, please try to keep the phone and the gateway are in the same WiFi network. If the device fails to be added or is not in the distribution network state after power on, please press and hold the gateway button for more than 5 seconds to reset the device and add it again.