

TFA.me ID-01

WIFI Gateway

Cat. No. 35.8103.02



Delivery contents

- WIFI gateway
- Power adaptor for gateway
- Quick set-up guide

Thank you for choosing this product from TFA.



Before you use this product

Please make sure you read the instruction manuals carefully. Following and respecting the instructions in your manuals will prevent damage to your instrument and loss of your statutory rights arising from defects due to incorrect use. We shall not be liable for any damage occurring as a result of non-following of these instructions. Likewise, we take no responsibility for any incorrect readings or for any consequences resulting from them. Pay particular attention to the safety and disposal instructions in the Quick set-up guide supplied with the device! Please keep all instruction manuals safe for future reference!

Instruction manuals

Type of instruction manual/languages	Where to find	Content
Instruction manual for 35.8103.02 D-GB	This instruction manual	✓ Functional description of the WIFI Gateway
Quick set-up guide for 35.8103.02 D-GB-F-I-NL-E	Part of delivery content and homepage Open here!	✓ Getting started ✓ Specifications ✓ Safety notices ✓ Waste disposal ✓ Declaration of conformity
Manual TFA.me general D-GB	go.tfa.me Web-Portal Open here!	✓ Getting started general instruction ✓ Functional description of the TFA.me portal
FAQ Frequently asked questions D-GB	General Questions Questions about the TFA.me Portal Questions about the Initial Setup	✓ General questions and answers ✓ Questions and answers about the TFA.me portal ✓ Questions and answers about the initial setup

For your safety

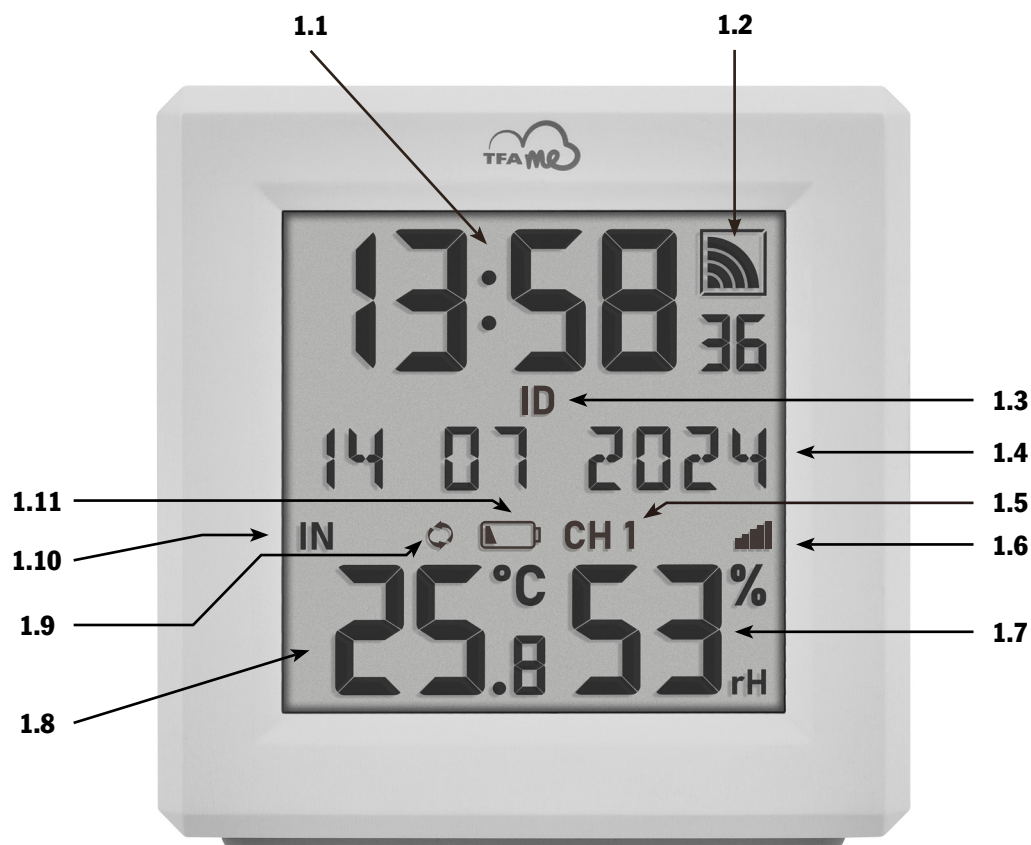
This product is exclusively intended for the range of application described. It should only be used as described within these instruction manuals. Unauthorised repairs, alterations or changes to the devices are prohibited.

Range of application and all the benefits of your new instrument at a glance

- For receiving and forwarding up to 50 TFA-ID transmitters
- Enables online access to measured values on the TFA.me platform
- Display shows indoor temperature and humidity and values from max. 5 transmitters (not incl.)
- Time with date or weekday (6 languages)
- For free-standing
- Dimensions and weight: 70 x 69 x 70 mm, 103 g
- Power adaptor included, batteries 3 x AAA (backup) not included

With gateway function for online access to measured values on the free TFA.me platform:

After registering at [go.TFA.me](#), the measured values of the indoor sensors and optionally of up to 50 TFA-ID transmitters within the transmission range can be monitored and analysed online. The functional scope of the TFA.me portal includes an alarm function via e-mail, a clear diagram function and export options, as well as a data storage for at least 12 months. The language setting is German or English.



Elements

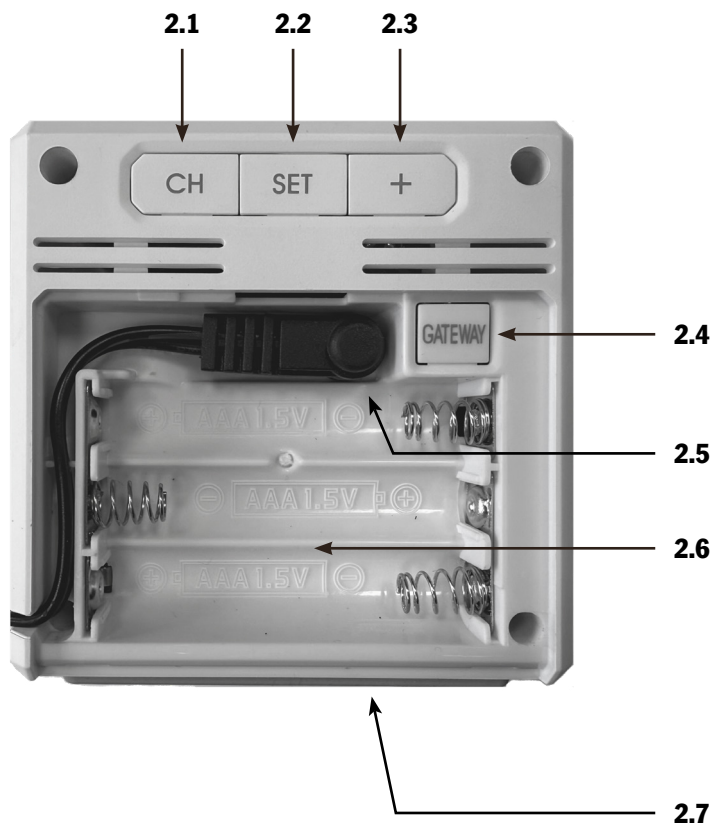
Gateway

1. Display

- 1.1 Time
- 1.2 WIFI reception symbol
- 1.3 Indicator for ID
- 1.4 Date/weekday/info box
- 1.5 Channel 1/2/3/4/5
- 1.6 Transmitter reception symbol
- 1.7 Humidity
- 1.8 Temperature
- 1.9 Circle symbol for alternating channel
- 1.10 Indoor or outdoor values
- 1.11 Battery symbol for the gateway/transmitter

2. Button & housing

- 2.1 CHANNEL button
- 2.2 SET button
- 2.3 + button
- 2.4 GATEWAY button
- 2.5 Power adaptor jack
- 2.6 Battery compartment
- 2.7 Device ID (on the bottom)



Initial start-up

Use the [quick set-up guide](#) and follow the individual steps. To start up your TFA.me gateway, it must first be connected to the Internet via your WiFi network. Following this it is necessary to configure the location to receive the correct local time.

Startup of transmitters (optionally available)

Up to 5 compatible temperature-humidity transmitters can be shown on the gateway display. Follow the instructions in the quick set-up guide and see “Display of outdoor transmitters”.

TFA.me Online-Portal

Up to 50 TFA-ID transmitters within reception range of the gateway (max. 100 m) are automatically transmitted to the TFA.me online portal as soon as they have been activated (provided the gateway has an active WIFI and Internet connection). Put the transmitter(s) into operation as described in the respective operating instructions. You can find an overview of compatible transmitters [here](#).

Note: Forwarding to the TFA.me portal also takes place if the transmitter(s) have not been registered for indication on the gateway display.

Registration and an account on the TFA.me portal are necessary to query the local measured values of your TFA.me devices online via the platform. Further information on registration and setup can be found on the go.tfa.me portal.

Operation

Selection of calendar display and language

- Press and hold the SET button for three seconds to enter the setting mode.
- DATUM/DATE (default) flashes on the display.
- With the + button you can choose between DATUM/DATE or WOCHENTAG/WEEKDAY as a permanent display or select WECHSEL/ALTERNATE for a changing display every 5 seconds.
- Press the SET button again. DEUTSCH/GERMAN (default) flashes on the display.
- Press the + button to set the day-of-the week and menu language: DEUTSCH, ENGLISH, DUTCH, ESPANOL, ITALIANO, FRANCAIS.
- If you select ENGLISH, the day-of-the week and menu language will now appear in English.
- Press the SET button again and you will return to normal mode.
- The device will automatically quit the setting mode if no button is pressed for 20 seconds. The device will automatically use the settings you have made so far.

Display

The gateway display shows the time (hours, minutes, seconds) as well as the indoor temperature and relative humidity at the installation location.

Display of outdoor transmitters (optional)

Instead of the indoor values, the outdoor values of a maximum of 5 compatible temperature-humidity transmitters can be shown on the gateway display. First set-up and register the transmitter(s) as described in the quick set-up guide and the “manual transmitter search”.

- Press the CHANNEL button to change between the indoor values (IN) and the outdoor values (OUT) of the channels 1 to 5. The ID number of the gateway and the received transmitters appears for a short time and the outdoor values are indicated on the display of the gateway.
- You can also choose an alternating channel display. Press the CHANNEL button. After the last registered channel, a circle symbol will appear.
- To deactivate the function press the CHANNEL button again.

Note transmitter-ID: Each transmitter has its own ID number (nine digits, alphanumeric).

This ID number is attached to the respective transmitter.

- If you press and hold the TX button in the battery compartment of the transmitter for 5 seconds, the ID number is also shown on the display of the transmitter (three digits each in succession).

Loss of the transmitter signal

- If the contact between the transmitter and receiver is lost at a later time after successful reception, the last transmitted values continue to be displayed for 30 minutes, then „-“ appears. The reception symbol for the transmitter disappears.
- After 60 minutes without an update, a search for the registered transmitter is initiated automatically for 5 minutes. If the reception fails, scanning will be repeated every 60 minutes. During the transmitter search, the reception symbol for the transmitter flashes.

Note: When automatically searching for a lost transmitter, only known transmitters (with previously registered individual ID) are searched for and accepted. Transmitters with new IDs are only received by the gateway in the situation of the first transmitter search after starting the device and with the manual transmitter search.

Manual transmitter search

- Select the desired channel with the CHANNEL button on the gateway.
- Press and hold the CHANNEL button for three seconds. A beep will sound. A transmitter ID already registered on this channel will be cancelled and the transmitter search begins.
- The reception symbol for the transmitter will be flashing. Now briefly press the TX button in the battery compartment of the transmitter. The transmission of the data takes place immediately and if the reception is successful, the outdoor values appear on the gateway display.

Energy supply

- The gateway must be operated with the supplied mains adapter for normal operation. The batteries 3 x 1.5V AAA (not included) maintain the function in the event of a power failure, so that no readjustment has to be made and the settings are retained.
- In pure battery operation, the gateway is in energy-saving mode to reduce power consumption. The WIFI functions and the online connection do not work without a power adapter.

Battery replacement

- As soon as the battery symbol appears at the same time as the measuring values of an outdoor transmitter (CH1 – 5) are displayed, change the batteries of the corresponding transmitter.
- As soon as the battery symbol appears at the same time as the indoor values are displayed, either no backup batteries are inserted in the gateway or they should be changed.
- When the voltage reaches the minimum limit in pure battery operation, the battery symbol starts to flash. Under this condition, there is high risk of system crash. Change the batteries of the gateway immediately.

Repeated start-up

- If the device has already been put into operation and the WIFI module still has network data (SSID & PW) in its memory, the WIFI symbol flashes after the mains adapter is plugged in and tries to connect to the Internet and server automatically.
- After successful connection with the local WIFI and internet, the WIFI symbol will appear stable.
- If the connection with the server is given, the frame around the WIFI symbol will appear stable.
- If the server already has a location setting for this device ID, after a short wait, usually 10 to 20 seconds, the corresponding local time and date are received from the server.
- During start-up, the transmitter reception symbol also flashes. If you want to add a new transmitter, briefly press the TX button in the battery compartment of the transmitter.

Checking device ID's

Gateway

- To display the device ID of the built-in WIFI gateway module, use the CHANNEL button to select the indoor values display. The 9-digit device ID is then briefly displayed.

WIFI-version, Firmware version and current IP address

- If you press and hold the + button for 3 seconds in normal mode, the station first displays the WIFI version 'WIFI XXXX' for 4 seconds, then the firmware version 'FW XXXX' for 4 seconds, then 'IP XXX.' (the first 3 digits) for 4 seconds, then the remaining 9 digits of the IP address are displayed 'XXX.XXX.XXX' for 4 seconds. The display automatically returns to normal mode.

If currently not connected with a network, IP will only show dashes, ("----"), during AccessPoint-Mode the pre-programmed IP for AP-mode is indicated, after successful connection with local network the IP is shown within the local network.

Factory-reset

- In case of a serious malfunction or if you want to reset all settings and memories of the WIFI gateway module to factory settings, press and hold the buttons + and CHANNEL simultaneously for 5 seconds. A beep will sound. RESET is indicated on the display, to the right appears a symbol that changes during the process. Finally, after approx. 30 seconds, another signal tone sounds.
- Now the device must be put into operation again ([see quick set-up guide](#)).

Installation

Positioning of the gateway and the optional transmitters

- The gateway can be placed onto any flat surface.
- Make sure to avoid the vicinity of any source of interference such as computer screens, TV sets or solid metal objects.
- Do not place the gateway in the vicinity of radiators, other sources of heat or in direct sunlight.
- Install the transmitter(s) as described in the respective instruction manual.
- Once the desired location is chosen, check whether the transmission from the transmitter to the gateway is possible (transmission range of up to 100 m in open areas). Within solid walls, especially ones with metal parts, the transmission range can be reduced considerably.
- If necessary, choose another position for the outdoor transmitter(s) and/or gateway.
- Make sure that the gateway has sufficient reception of the WIFI signal at the installation location.

Care and maintenance

- Clean the devices with a soft damp cloth. Do not use solvents or scouring agents.
- Remove the batteries and unplug the power adapter of the gateway if the device will not be used for a long period of time.
- Store the devices in a dry place.

Troubleshooting

Problem	Solution
No display on the gateway	Operation with power adapter: Connect the gateway to the power adapter Check the power adapter Battery operation: Ensure the batteries' polarities are correct Change the batteries
No reception of the outdoor transmitter Display „- -“	No outdoor transmitter is installed Measured values of the transmitter cannot be shown on the display (only 1 temperature value and 1 humidity value per transmitter) Check the outdoor transmitter's batteries (only use batteries/rechargeable batteries with 1.5V voltage!) Restart the outdoor transmitter and the gateway according to the manual Manual search for the transmitter (according to the manual) Choose another place for the transmitter and/or the gateway Reduce the distance between the transmitter and the gateway Check if there is any source of interference
Incorrect indication	Factory Reset Battery operation: Change the batteries

For more information on troubleshooting, see the [FAQs](#) on our website.

If your device fails to work despite these measures, please contact the retailer where you purchased the product from for advice.

10/2024
TFA Dostmann GmbH & Co. KG
Zum Ottersberg 12
97877 Wertheim | Germany
info@tfa-dostmann.de
www.tfa-dostmann.de