TFA.me ID-05
WIFI Wireless Weather Station
Cat. No. 35.8106.01

Delivery contents

- WIFI Wireless weather station (base station)
- Power adaptor for base station
- Temperature-humidity transmitter ID-A0 (cat.-no. 30.3900.02)
- Rain sensor ID-A1 (cat.-no. 30.3903.02)
- Solar wind sensor ID-A2 (Cat. No. 30.3904.02)
- Quick set-up guide

Thank you for choosing this product from TFA Dostmann.

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 device 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 35.8106.01 D-GB	This instruction manual	✓ Functional description of the WIFI Wireless Weather Station
Quick set-up guide for 35.8106.01 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

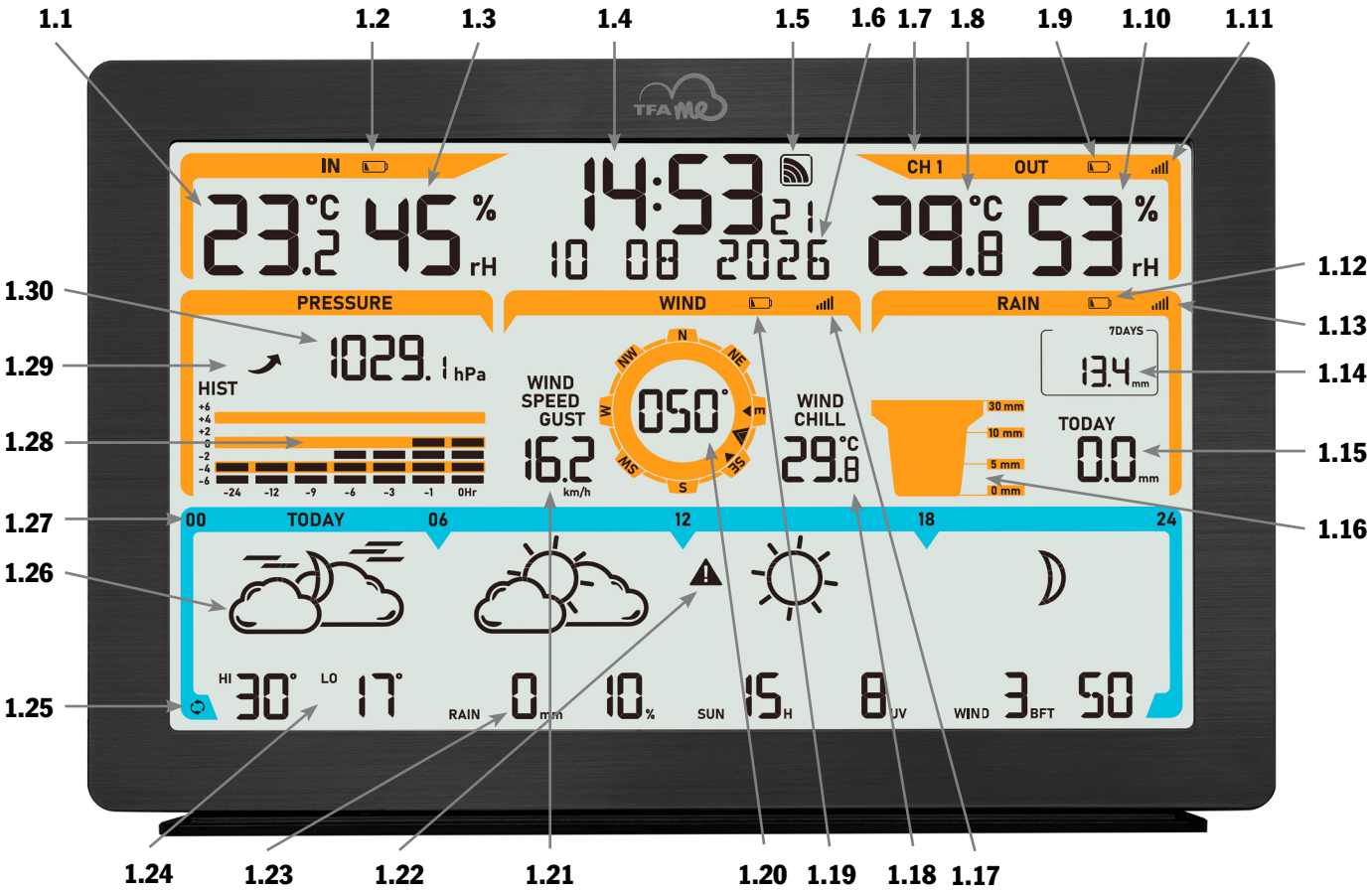
This product is exclusively intended for the range of application described. The product should only be used as described within these instructions. Unauthorised repairs, alterations or changes to the devices are prohibited.

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

- Local professional forecast from wetter.com for 4 days
- 41 different weather symbols, daily highest and lowest temperatures, probability/amount of rain, hours of sunshine, UV index, wind speed/direction
- Warning function in the event of storm, heavy rain, black ice, heat or high UV values
- Wireless transmission of outdoor temperature and humidity via transmitter (868 MHz, max. 100 m), up to 5 transmitters can be displayed (optionally)
- Wireless transmission of rainfall amount, wind speed and direction via transmitter (868 MHz, max. 100 m)
- Indication of indoor temperature and humidity
- Illuminated display with 4 brightness levels and dimming function
- Time with date or weekday (6 languages)
- Wall mounting or table standing
- Dimensions and weight: 217 x 30 (47) x 139 (141) mm, 378 g
- Power adapter for base station included
- 1 x 18650 Li-Ion battery 1200 mAh (for solar wind sensor) included
- Batteries 3 x 1.5 V AA (backup for base station), 2 x 1.5 V AA (for T/H sensor), 2 x 1.5 V AA (for rain sensor), 2 x 1.5 V AA (backup for solar wind sensor) not included

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

After registering at go.TFA.me, the measurements from the base station (temperature, humidity and atmospheric pressure), of the supplied outdoor transmitter 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

Base station

1. Display

Display area indoor (orange)

1.1 Indoor temperature
1.2 Battery symbol for the base station
1.3 Indoor humidity

Display area time, date and info box

1.4 Time
1.5 Reception symbol WIFI
1.6 Date /weekday/ info-box

Display aera outdoor (orange)

1.7 Channel 1/2/3/4/5 and circle symbol for alternating channel
1.8 Outdoor temperature
1.9 Battery symbol for the T/H sensor
1.10 Outdoor humidity
1.11 Reception symbol for the T/H sensor

Display area rain (orange)

1.12 Battery symbol for the rain sensor
1.13 Reception symbol for the rain sensor
1.14 Total rainfall 1 hour / 24 hours / 7 days / 1 month / 1 year
1.15 Current rainfall amount
1.16 Graph of the rain amount

Display area wind (orange)

1.17 Reception symbol for the wind sensor
1.18 Indication of wind chill temperature
1.19 Battery symbol for the wind sensor
1.20 Wind rose with wind direction
1.21 Average wind speed / gales / wind speed

Display area pressure (orange)

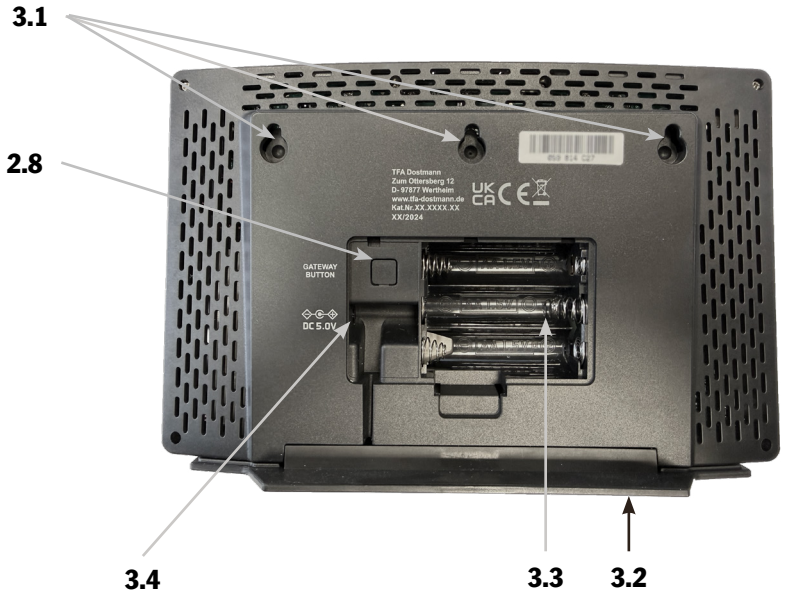
1.28 Pressure history graph of the last 24 hours
1.29 Atmospheric pressure trend
1.30 Relative atmospheric pressure

Display area forecasted weather data (blue)

1.22 Warning symbol for critical weather situations
1.23 Additional weather information for the displayed day/part of the day
1.24 Maximum and minimum values for the displayed day
1.25 Rotation symbol
1.26 Weather symbol for the displayed day/part of the day
1.27 Day/part of the day of the forecast

2. Buttons

2.1 LIGHT button
2.2 – button
2.3 + button
2.4 SWITCH/SET button
2.5 RAIN button
2.6 WIND button
2.7 CHANNEL button
2.8 GATEWAY button



3. Housing

3.1 Mounting holes
3.2 Table stand (removable)
3.3 Battery compartment
3.4 Power adaptor jack

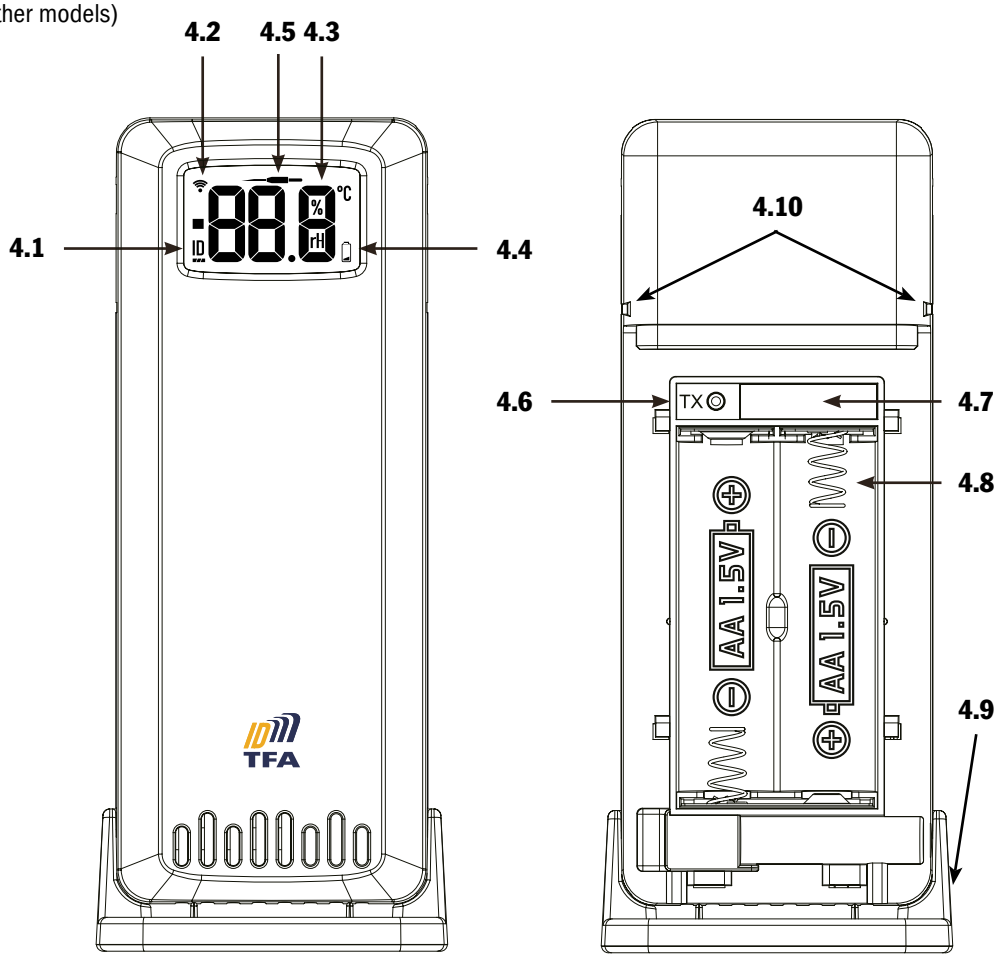
4. Temperature-humidity transmitter

Display

4.1 Indicator for transmitter ID
4.2 Transmission icon
4.3 Temperature and humidity in sequence
4.4 Battery symbol for the transmitter
4.5 Probe symbol (reserved for other models)

Housing & buttons

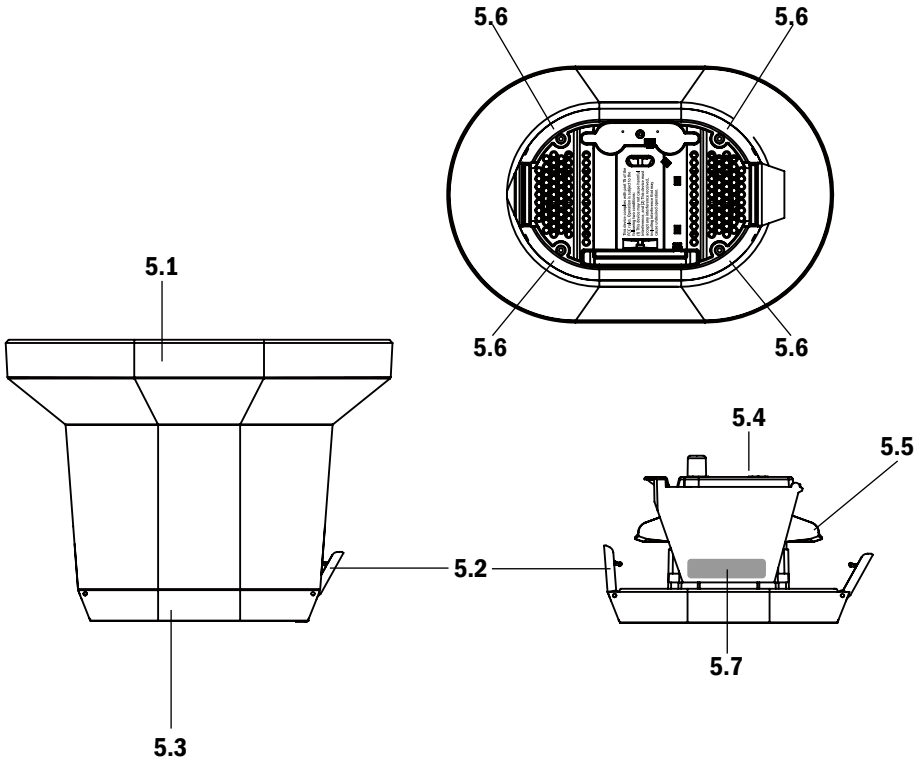
4.6 TX button
4.7 Transmitter ID
4.8 Battery compartment
4.9 Support for wall mounting or table standing
4.10 Indentations for the support for wall mounting



5. Rain sensor

Housing

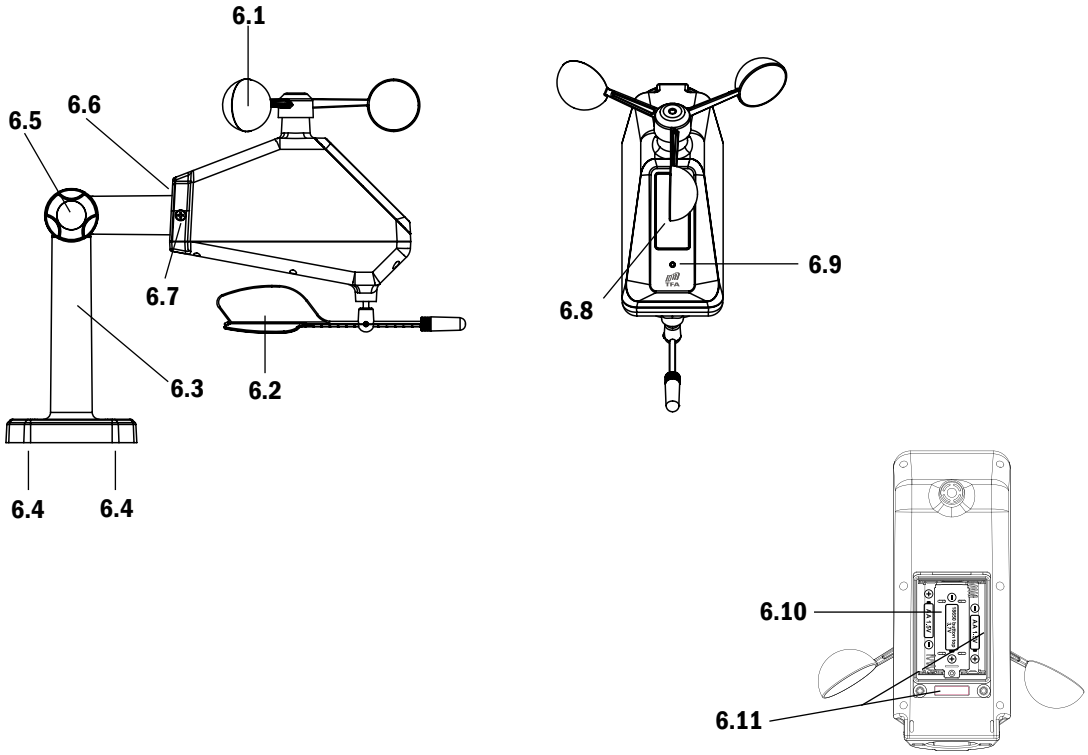
5.1 Funnel
5.2 Locking tabs
5.3 Base
5.4 Battery compartment
5.5 Rocker
5.6 4 screw holes for mounting
5.7 TFA-ID ID-Code



6. Solar wind sensor

Housing

6.1 Wind wheel
6.2 Wind vane
6.3 Adjustable base (180° rotatable)
6.4 4 screw holes for mounting
6.5 Fixing screw
6.6 Opening for attaching the adjustable base
6.7 2 screws for fixing the adjustable base
6.8 Solar panel
6.9 LED signal lamp
6.10 Battery compartment
6.11 9-digit ID number



Initial start-up

Use the **Quick set-up guide** and follow the individual steps.

To start up your TFA.me station, 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 and the weather forecast. Finally, the transmitter is started up.

Registration and an account on the TFA.me portal are only necessary if you want 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

Information about the last update of the weather data, selection of calendar display and language

- Press and hold the SWITCH/SET button for three seconds to enter the setting mode.
- Information about the last update of the weather data appears. All weather symbols and forecast data start to flash and the time and date of the last weather data update are displayed.
- Press the SWITCH/SET button again. DATUM/DATE (default) flashes on the display.
- With the + or - 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 SWITCH/SET button again. DEUTSCH/GERMAN (default) flashes on the display.
- Press the + or - 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 SWITCH/SET button again. PRESSURE is displayed and the atmospheric pressure value (default setting: 1013.0 hPa) flashes. Press the + or - button to set the atmospheric pressure value.
- Press the SWITCH/SET button again. WIND appears on the display and the unit of the wind speed (default km/h) flashes. Press the + or - button to change between km/h, BFT or m/s.
- Press the SWITCH/SET button again. The display of the wind direction flashes. With the + or - button, you can choose between showing the cardinal direction in letters or the number of degrees on the display.
- Press the SWITCH/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 of weather forecast

Choose between three display options:

Fig. A: 1-day forecast

Fig. B: 4-day forecast

Fig. C: Rotation

1-day forecast (example Fig. A):

A1: Weather symbol for the displayed part of the day: 00-06, 06-12, 12-18, 18-24

A2: Additional weather information for the displayed day (TODAY): HI highest temperature and LO lowest temperature, RAIN rainfall amount and rain probability, SUN sunshine hours, UV index, WIND wind speed and wind direction

4-day forecast (Fig. B):

B1: Weather symbol for TODAY, TOMORROW, IN 2 DAYS and IN 3 DAYS, as an all-day forecast

B2: HI highest temperature and LO lowest temperature for every single day

Rotation (Fig. C):

The display toggles between the 1-day forecasts every 5 seconds:
TODAY, TOMORROW, IN 2 DAYS, IN 3 DAYS

C1: Weather symbol for the displayed part of the day: 00-06, 06-12, 12-18, 18-24

C2: Additional weather information for the displayed day: HI forecast highest temperature and LO forecast lowest temperature, RAIN rainfall amount and rain probability, SUN sunshine hours, UV index, WIND wind speed and wind direction

C3: The rotation symbol appears permanently on the display

Weather forecast displays:

In normal mode, use the SWITCH/SET button to switch between the following 6 different weather forecast displays:

Forecast period

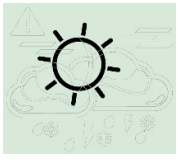
	Gesamt	Tag 1	Tag 2	Tag 3	Tag 4
Keypress	**Forecast period**	**TODAY**	**TOMORROW**	**IN 2 DAYS**	**IN 3 DAYS**
Default	4 days (1-4)	✹ A	✹ A	✹ A	✹ A
SWITCH/SET	1 day (1)	☼☼☼☼ A			
SWITCH/SET	2 day (2)		☼☼☼☼ A		
SWITCH/SET	1 day (3)			☼☼☼☼ A	
SWITCH/SET	1 day (4)				☼☼☼☼ A
SWITCH/SET	Rotation	↻ ☼☼☼☼ A			

✹ Whole day | ☼ Part of the day

The last selected setting remains permanently.

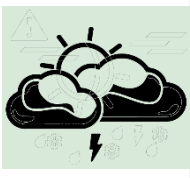
Weather symbols

To give you the most detailed weather information possible, the weather symbol can be displayed in 41 different variants. There are 14 weather symbols for the day only, 14 weather symbols for the night only and 13 symbols that are displayed equally for day and night:

Short description	**clear sky**	**partly cloudy**	**mostly cloudy**	**cloudy**	**light rain**	**rain**
All day (00-24) Morning (06-12) Afternoon (12-18)						
Evening (18-24) Night (00-06)						

Short description	**strong rain**	**sleet/graupel**	**light snowfall**	**snowfall**	**strong snowfall**	**light rain showers**
All day (00-24) Morning (06-12) Afternoon (12-18)						
Evening (18-24) Night (00-06)						

Short description	rain showers	strong rain showers	snow showers	strong snow showers	sleet/graupel showers	light fog
All day (00-24) Morning (06-12) Afternoon (12-18)						
Evening (18-24) Night (00-06)						

Short description	strong fog	dry thunderstorm	light thundery rain	thundery rain	strong thundery rain	mostly cloudy, dry thunderstorm
All day (00-24) Morning (06-12) Afternoon (12-18)						
Evening (18-24) Night (00-06)						

Short description	light thundershowers	thundershowers	strong thundershowers
All day (00-24) Morning (06-12) Afternoon (12-18)			
Evening (18-24) Night (00-06)			

Additional weather information

- **Daily highest and lowest temperatures**
  In addition to the current weather information, the station also predicts the daily highest and lowest temperatures. Please note that deviations upwards or downwards can occur, especially in regions with large differences in altitude.

- **Rainfall amount**
  The amount of precipitation is the height of the layer of water that would have formed on a flat surface in the event of precipitation (rain, snow, hail, fog, etc.). 1 mm of precipitation equals 1 litre of water per square metre.

- **Probability of rainfall**
  The probability of rain is the probability in per cent, averaged over the forecast region, that it will actually rain at some point on the day for which the forecast was determined. If there is a 70 per cent probability of rain, this means that in 70 out of 100 cases characterised by the same weather situation, precipitation will occur in the forecast region during the relevant period.

- **Sunshine duration**
  The duration of sunshine provides an indication of the time and intensity of cloud cover in the forecast region. It indicates the time in hours during which a cloudless and completely clear atmosphere allows solar radiation.

- **UV index**

  The UV index measures the intensity of UV radiation on the earth's surface. A higher UV index means stronger UV radiation and a higher risk of sunburn and skin damage. The UV index is measured on a scale from 0 to 11+. The UV index always refers to the maximum daily value of UV radiation when the UV rays are at their most dangerous, usually around midday.

UV index	**1-2**	**3-5**	**6-7**	**8-10**	**from 11**
Description	Low UV radiation	Moderate UV radiation	Strong UV radiation	Very strong UV radiation	Extreme UV radiation

- **Wind speed**

  The wind speed is indicated in Beaufort and averaged over the specified period. The scale is shown as follows:

0	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
Calm	Light air	Light breeze	Gentle breeze	Moderate breeze	Fresh breeze	Strong breeze	Moderate gale	Fresh gale	Strong gale	Storm	Violent storm	Hurricane-force

- **Wind direction**

  Wind direction is generally reported by the direction from which the wind originates and is given in eight steps:
  N North, **NE** Northeast, **E** East, **SE** Southeast, **S** South, **SW** Southwest, **W** West and **NW** Northwest

- **Warning function**

  In the event of warnings for storms, heavy rain, black ice, heat or high UV values, a warning triangle appears next to the displayed day or part of the day.

⚠	**Warning situation**	**Whole day**	**Part of the day**
Rain	Caution - massive amounts of precipitation	Amount of precipitation 1 hour ≥ 15 mm	
		Amount of precipitation in 24 hours ≥ 30 mm	Amount of precipitation in 6 hours ≥ 20 mm
Wind	Caution - strong gale	Gales ≥ 8 bft / 75 km/h	
Heat	Caution - extreme heat	Highest daily temperature HI ≥ 35°C (warning display in the afternoon)	
UV	Caution - very strong UV radiation	UV Index ≥ 8	
Black ice/ freezing rain	Caution - black ice / freezing rain	Warning event is predicted by wetter.com (usually in conjunction with sleet/graupel)	

Display illumination (in normal operation with power adapter)

- There are 5 setting options for the display illumination:
- With a simple press of the LIGHT button, you can choose between LIGHT OFF (display illumination deactivated), and the levels LVL1 (minimum brightness), 2, 3 (default setting) and 4 (maximum brightness). The last selected level will remain permanently active.

Note: The light in continuous operation only works with power adapter. In pure battery operation, the backlight is always switched off and is activated for 10 seconds using the LIGHT button.

AutoDim function

If you wish, an automatic dimming function can be activated during night time.
The display illumination is then automatically switched to level 1 (minimum brightness) or switched off for the specified time slot.

- Press and hold the LIGHT button for 3 seconds. AUTO DIM appears on the display and OFF (default) flashes. Press the + or - button to select ON.
- Confirm the setting with the LIGHT button.
- The start time DIM START flashes (22:00 default). Use the + or - button to adjust the start time (full hours).
- Confirm the setting with the LIGHT button.
- The stop time DIM STOP flashes (6:00 default). Use the + or - button to adjust the stop time (full hours).
- Confirm the setting with the LIGHT button.
- You can now use the + or – button to set whether the display lighting is activated at level 1 (DIM.LVL 1) or switched off (DIM.LVL OFF) during the automatic dimming function.
- Confirm the setting with the LIGHT button to return to normal mode.

Temperature-humidity transmitter

After start-up of the supplied transmitter for temperature and humidity ID-A0 (as described in the quick set-up guide), the measured values appear in the display.

Operation with several temperature-humidity transmitters (maximum 5)

- A maximum of 5 transmitters can be displayed on the station. Each transmitter has its own ID number (nine digits, alphanumeric). This ID number is printed on 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).
- If you have connected several transmitters, press the CHANNEL button to change between the channels 1 to 5. The ID number of the received transmitter appears for a short time and the outdoor values are indicated on the display of the base station.
- 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.

Rain sensor

After starting up the ID-A1 rain sensor (as described in the quick set-up guide), the data can be received on the base station.

Display area RAIN

- TODAY: Total amount of precipitation that has fallen since 0:00 today until the current time.
- Raindrops: At the beginning of a rainfall event, the raindrop symbols are gradually built up and then disappear again. The process is then repeated until no rain has accumulated for 15 minutes.
- Precipitation chart: The chart can be filled with 15 segments and refers to today's rainfall
  - Up to 10 mm: one segment = 1 mm rainfall
  - 10 mm to 30 mm: one segment = 4 mm rainfall
  - If the rainfall exceeds 30 mm, a greater-than symbol '>' is displayed above the diagram scale.

Rainfall amount indication of different periods:

- Press the RAIN button in normal mode and the ID number is shown on the display. Press the RAIN button again to set the display period for the total rainfall: 1HR (default setting), 24HR, 7DAYS, MONTH, YEAR
  Note: These periods refer to the precipitation amounts recorded by the station since the transmitter ID was programmed. If you delete the transmitter from the precipitation area and program a new precipitation transmitter, the collected precipitation amounts for the various periods will also be reset.
- **1HR:** Rainfall amount of the last hour.
  Example: The current time is 6:49 a.m., the precipitation amount displayed is the total amount between 5:50 a.m. and 6:49 a.m.
- **24HR:** Cumulative precipitation amounts for the last 24 hours. Every hour on the hour, 1 hour is recorded and added up.
  Example: The current time is 6:49 a.m., the precipitation amount displayed is the cumulative precipitation amount for the last 23 full hours (from 5:00 a.m. yesterday to 6:00 a.m. today) plus the precipitation amount from 6:00 a.m. to 6:49 a.m. today.
- **7DAYS:** Cumulative precipitation amounts for the last 7 consecutive 24-hour periods. Every day at 0:00, the 24-hour rainfall is recorded.
  Example: It is 12:20 p.m. on 12 September 2025. The precipitation amounts shown are the cumulative 24-hour rainfall amounts from 5 September 2025 to 11 September 2025. The precipitation amount from 12 September 2025 until 12:20 p.m. is not included in the calculation.
- **MONTH:** Current month. On the first calendar day of the month at 0:00, the monthly rainfall is reset to 0. Cumulative precipitation from the 1st of the month to the current day of the month.
  Example: It is 12th September. The cumulative precipitation from 01.09. to 12.09. is displayed.
- **YEAR:** Cumulative precipitation for the current year from 1 January to 31 December.
  Example: The current date is 10 August 2025. The annual precipitation amount includes the monthly totals from 1 January 2025 to 31 July 2025 as well as the precipitation amount for the current month (1 to 10 August).

Wind sensor

After starting up the ID-A2 wind sensor (as described in the quick set-up guide), the data can be received on the base station.

- Press the WIND button to switch the wind speed display between AVG (average wind speed over the last 5 minutes/transmission period) and GUST (peak gust value within the last 5 minutes/transmission period) (default setting: AVG).

Display area WIND

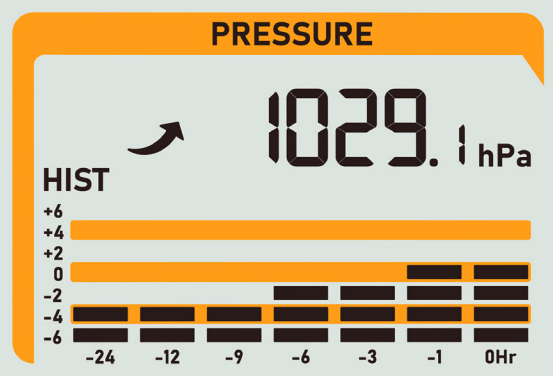
- The current wind speed is continuously displayed as AVG (default setting) or GUST, as well as the current wind chill value.
- **Note:** The outside temperature from CH1 is always used to calculate the wind chill temperature. If no temperature value is available from CH1, dashes are displayed for the wind chill temperature.
- The wind chill effect is only relevant when the temperature is below 10°C and the wind speed is above 5 km/h. If there is no wind chill effect, the wind chill value displayed is the same as the outside temperature CH1.
- If the wind speed unit is set to BFT, the wind force is displayed according to the Beaufort scale based on the average values (AVG).
- The wind rose shows the cardinal points with visual indicators. The large arrow indicates the current wind direction since the last transmission.
- In the centre of the wind rose, the wind direction is also displayed in letters (default setting) or degrees.

Wind direction

Wind direction is generally reported by the direction from which the wind originates and is given in 16 steps:
N North, **NNE** North-northeast, **NE** Northeast, **ENE** East-northeast, **E** East, **ESE** East-southeast, **SE** Southeast, **SSE** South-southeast, **S** South, **SSW** South-southwest, **SW** Southwest, **WSW** West-southwest, **W** West, **WNW** West-northwest, **NW** Northwest, **NNW** North-northwest

Display area PRESSURE

- The current atmospheric pressure is displayed in hPa, along with the atmospheric pressure trend indicated by a trend arrow.
- The history of the last 24 hours is displayed in a bar chart:



- The horizontal axis shows the hours in increments of: -24 hours, -12 hours, -9 hours, -6 hours, -3 hours, -1 hour and 0 hours (current).
- 0Hr on the horizontal axis indicates the current hour and thus also the current atmospheric pressure.
- Each bar in the bar chart represents a value of 2 hPa.
- Every full hour, the current atmospheric pressure is used as the basis for displaying a new bar in the diagram.

Loss of the transmitter signal

Temperature-humidity transmitter and wind sensor

- 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 station in the situation of the first transmitter search after starting the device and with the manual transmitter search.

Rain sensor

- If no status transmission or data update has taken place in the last 6 hours, dashes '- -' will be displayed on the station under 'TODAY'.

Manual transmitter search

Temperature-humidity transmitter

- Select the desired channel with the CHANNEL button on the base station.
- Press and hold the CHANNEL button for five 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 base station display.

Rain sensor

- Press and hold the RAIN button for 5 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.
- Within these 5 minutes, restart your rain sensor within the radio range of the base station.
- Once a signal from an ID-A1 transmitter has been received, the reception symbol for the transmitter remains on the display.
- The values are transmitted every two hours.

Wind sensor

- Press and hold the WIND button for 5 seconds. A beep will sound. A transmitter ID already registered will be cancelled and the transmitter search begins.
- The reception symbol for the transmitter will be flashing.
- Within these 5 minutes, restart your wind sensor within the radio range of the base station.
- Once a signal from an ID-A2 transmitter has been received, the reception symbol for the transmitter remains on the display and the values are transmitted.

Energy supply

- The base station must be operated with the supplied mains adapter for normal operation. The batteries 3 x 1.5V AA (not included) maintain the function in the event of a power failure, so that measured values can be temporarily stored and the settings are retained.
- In pure battery operation, the station is in energy-saving mode to reduce power consumption. The WIFI functions and the online connection do not work without a power adapter. There is no permanently illuminated display (only on keypress).

Battery replacement

- As soon as the battery symbol will appear on the outdoor values display of the base station or on the display of the outdoor transmitter, change the batteries of the outdoor transmitter.
- As soon as the battery symbol appears in the display of the indoor values, either no backup batteries are inserted in the base station 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 malfunction when using only the buffer batteries. Change the batteries of the base station 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 as well as the weather data.

Checking device ID's

Gateway

- If you press and hold the - button for 3 seconds in normal mode, the station displays the device ID of the built-in WIFI gateway module for 5 seconds (9 digits).

T/H-transmitter:

- If you press the CHANNEL button in normal mode, the T/H transmitter ID of the selected channel/ transmitter will be displayed in the station information field for 5 seconds.

Rain sensor:

- If you press the RAIN button in normal mode, the rain sensor ID will be displayed in the station information field for 5 seconds.

Wind sensor:

- If you press the WIND button in normal mode, the wind sensor ID will be displayed in the station information field for 5 seconds.

WIFI-version, Firmware version, DU Firmware version and current IP address

- If you press and hold the + button for 3 seconds in normal mode, the station will display information about the firmware version for the WLAN module (WIFI XXXX, for 2x 4 seconds), then about the device firmware (DU XXXX, for 4 seconds), then 'IP XXX.' (the first 3 digits) will appear for 4 seconds, followed by the remaining 9 digits of the IP address '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.

Firmware-Update

It is possible to perform a firmware update.
There are two sections. The gateway firmware (WIFI module) and device firmware (DU = display unit).
You can select 'OTA' in the footer of the TFA.me portal (go.TFA.me).
Once the OTA section is open, you can enter the ID number of your station. The system will then check whether newer firmware is available.
If so, you can perform the update directly by following the instructions in the OTA section.

Factory-reset

- In case of a serious malfunction or if you want to reset all settings and memories of the station and the WIFI gateway module to factory settings, press and hold the buttons + and - 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 has to be set again (see quick set-up guide).

Positioning

Base station

- The base station can be placed onto any flat surface with the attachable stand on the underside.
- The base station can be wall mounted at a chosen location by the mounting holes found at the back of the unit.
- Make sure to avoid the vicinity of any source of interference such as computer screens, TV sets or solid metal objects.
- Do not use the base station in the vicinity of radiators, other sources of heat or in direct sunlight.

Temperature-humidity transmitter

- With the support the transmitter can be placed onto any flat surface or wall mounted at a chosen location. When placed outdoors, choose a shady and dry place for the transmitter. Direct sunlight may trigger incorrect measurement and continuous humidity damages the electronic components needlessly.

Rain sensor

- Place the rain sensor horizontally in an area where rain can fall directly into the container, ideally 60 to 90 cm above the ground on a small platform.
- You can tighten the rain sensor in the desired position with four screws.

Wind sensor

- Place the transmitter at your chosen location.
- Ensure the wind sensor is mounted level with the solar panel facing directly to the South. This will help to optimize battery life and to transmit the correct wind direction. Use a compass if necessary.
- Check whether a reliable transmission from the transmitter to the base station is possible.
- Make sure that the wind can blow freely around the anemometer and is not blocked by nearby buildings, trees or any other objects.
- For best results, we recommend mounting the wind sensor on a mast, ideally 3 metres above any obstructions.
- Try to install the wind sensor so that it will be exposed to the normal wind conditions in your area.
- Attach the delivered adjustable base to a mast.
- The adjustable base can also be attached to a surface. First screw the base in the desired position with the four screws. The adjustable base may be rotated by 90°/180°. Open the fixing screw and loosen the adjustable base. Turn it in the desired position and tighten the fixing screw again.
- Make sure that the adjustable base is securely fastened.
- Then place the wind sensor on the adjustable base and fix it with the screws.
- The wind wheel points upwards and the wind vane downwards.

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 base station 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 base station	**Operation with power adapter:** Connect the base station to the power adapter Check the power adapter **Battery operation** Ensure the batteries' polarities are correct Change the batteries
Display of the base station is not illuminated	**Operation with power adapter:** Press the LIGHT button to activate the backlight **Battery operation** Press any button to activate the backlight briefly
No display on the transmitter	Ensure the batteries' polarities are correct Change the batteries
No reception of the outdoor transmitter Display "- -"	No outdoor transmitter is installed Check the outdoor transmitter's batteries (only use batteries/rechargeable batteries with 1.5V voltage!) Restart the outdoor transmitter and the base station according to the manual Manual search for the transmitter (according to the manual) Choose another place for the transmitter and/or the base station Reduce the distance between the transmitter and the base station 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.

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