

Measurement Range

Temperature	-40 ... 125 °C / -40 ... 257 °F
Wind	9 ... 145 km/h / 5.6 ... 90 mph
Brightness	0 ... 188 000 lx
Rain sensor	integrated heating (only with 10 ... 30 V DC supply)

Ambient Conditions

Temperature	-30 ... 70 °C / -22 ... 158 °F
Humidity	max. 95 % RH (non-condensing)
Ingress Protection	IP44

24 V DC Terminals

Wire cross-section	0.08 ... 0.5 mm² / AWG 28 ... 20 (max. Ø 0.8 mm)
Stripping length	3.5 mm / 0.14"
Temperature resistance	-40 ... 125 °C / -40 ... 257 °F



Safety & Installation Instructions

Installation must be carried out by a qualified electrician in accordance with applicable regulations.
This device is maintenance-free and must only be cleaned with a dry cloth.

The temperature sensor may not always accurately reflect the external temperature. Direct sunlight on the housing can influence the reading. Always choose an installation location suitable for accurate measurements.

Install the Weather Station where wind, rain, and brightness can be detected without interference.

Mount the device on a pole or directly on a wall using the provided accessories.

Nearby buildings or objects can cause air turbulence, which may affect wind measurement accuracy.

Information

Contains **FCC ID: 2ARRV-000376**
This device complies with part 15 of the FCC Rules.
Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.



For more information
about this product, visit
loxone.com/help/weather-station-air



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For additional information,
declaration of conformity, visit
www.loxone.com/datasheets

V310726

Need Help?
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Weather Station Air

Part No.: 100245

LOXONE

About the product

The Weather Station Air measures wind, rain, brightness and temperature. You can use this data for a variety of functions throughout your application.

Features

- Wind sensor
- Wind alarm
- Rain sensor
- Brightness sensor
- Temperature sensor

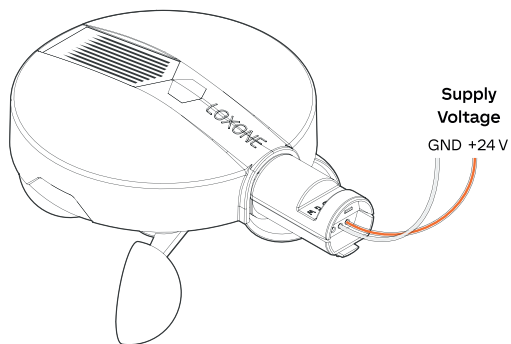
Electrical Specifications

Supply Voltage	10 ... 30 V DC or 2 x 1.5 V AA batteries
Power Consumption	typ. 0.07 W, max. 1.4 W (when rain sensor heating is on)
Power Loss	max. 1.4 W
Battery Lifetime	up to 2 years

Interface

LOXONE Air	868 MHz (SRD Band Europe), 4 channels, max. 15.1 mW e.r.p. 915 MHz (ISM Band Region 2), 10 channels, max. 13.2 mW internal antenna
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In the delivery state, the device enters pairing mode automatically once the power supply is established. Connect via LOXONE Config with the Miniserver to pair the device and add it to your program.



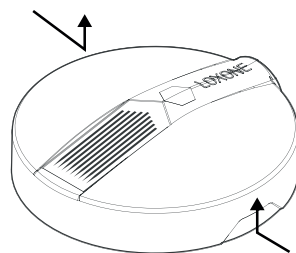
i When operating on batteries, the rain sensor heating is disabled and the wind alarm threshold must be set manually via the potentiometer.

Wind Alarm Potentiometer

Position	Threshold (km/h / mph)
1	20 / 12.4
2	25 / 15.5
3	30 / 18.6
4	40 / 24.9
5	65 / 40.4

Left stop = position 1, right stop = position 5

Push on both sides and pull to open the top

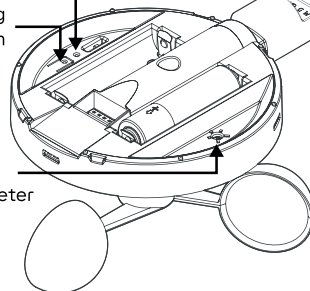


Status LED

● ● ●
Pairing Mode

Pairing Button

Wind Alarm Potentiometer



Push and pull to unlock

