Weather Sensor – basic

HmIP-SWO-B

The Homematic IP Weather Sensor – basic is the entry-level version of the weather sensors from Homematic IP. Equipped with the essential sensors, the device reliably and accurately records the current weather conditions and offers numerous application options within the Homematic IP system.

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Smart living. Simply exciting.

Anemometer determines wind speed from 0 to 200 km/h

Main sensor detects temperature, humidity and brightness
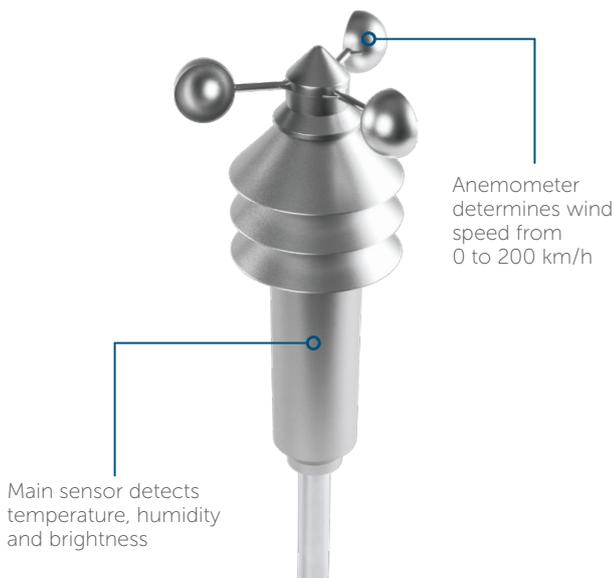
DISPLAYS CURRENT WEATHER DATA

The following weather data is recorded:
- ✔ temperature
- ✔ humidity
- ✔ wind speed
- ✔ brightness
- ✔ sunshine duration

The data collected is displayed in the Homematic IP app. This means you always know what the current weather situation is at home, even when you are on the move.

FLEXIBLE AND ROBUST

Radio communication and battery operation mean that the weather sensor is easy to install with flexible positioning. And it has a radio range of up to 400 m in free field. The robust stainless steel ground spike ensures secure anchoring in the ground. Alternative-ly, the device can also be mounted on a pole using clamps. This allows the weather sensor to be posi-tioned wherever you need to precisely determine the current weather situation and, for example, immedi-ately protect the awning in high winds.

WIDE RANGE OF APPLICATIONS

Combined with other Homematic IP devices, the weather sensor makes daily life easier: within a storm protection device, the shutters can be lowered auto-matically when a user-defined wind speed is detected. Just one way the weather sensor provides additional protection for a smart home.

HOMEMATIC IP WEATHER SENSOR COMPARISON TABLE

	basic	plus	pro
Temperature	✔	✔	✔
Humidity	✔	✔	✔
Wind speed	✔	✔	✔
Wind direction	-	-	✔
Brightness	✔	✔	✔
Sunshine duration	✔	✔	✔
Rain onset	-	✔	✔
Rainfall	-	✔	✔

SMART ADD-ONS

The rain sensor and the light sensor from Homematic IP are ideal add-ons to the weather sensor to immediate-ly protect the awning when it starts to rain or to automatically lower the roller shutters in strong sunlight.

To enable operation, the device must be connected with one of the following solutions:
- Homematic IP Access Point with free smartphone app and free cloud service
- Third-party partner solutions

TECHNICAL SPECIFICATIONS

Supply voltage	3x 1.5 V LR6/Mignon/AA
Battery life	2 years (typical)
Measuring ranges	
Temperature	-20 to +55 °C
Humidity (relative)	1 to 99 %
Brightness (relative)	0 to 100,000
Wind speed	0 to 200 km/h
Dimensions (W x H x D)	15 x 42 x 15 cm (not incl. mast)
Dimensions stainless steel mast (h x ø)	1.58 m x 25 mm
Weight	463 g (including batteries)
Radio frequency band	868.0-868.6 MHz 869.4-869.65 MHz
Typical open area RF range	400 m

LOGISTICS DATA

Product reference	152056A0
EAN code	4047976520565
Short description	HmIP-SWO-B
Packing unit	4
Packing dimensions	564 x 184 x 147 mm
Weight incl. packaging	1986.3 g

PACKAGE CONTENTS

Homematic IP Weather Sensor – basic

Stainless steel mast

Tube connector, hose clamp and tube connector profile

Screwdriver (hexagon socket head)

1.5 V LR6/Mignon/AA batteries (3x)

Operating manual