POPP

Z·WAVE
PLUS

Z-Weather Wind and Weather Sensor
Energy-Automated Z-Wave Wireless Multi-Sensor

First wind sensor with Z-Wave wireless technology

Energy-automated with integrated solar cell and energy management

Triggers some functions to other devices directly (e.g. closing blinds)

Provides additional data on the yield of solar and wind energy

Air Temperature — Air Pressure

Dew Point — Relative Humidity

Brightness — Solar Energy Yield

Wind speed — Wind Wheel Rotations
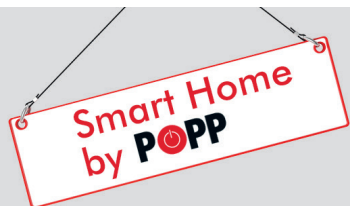

Solar Cell

Push Button and LED

The POPP Z-Weather Sensor is the world's first energy-automated Z-Wave sensor. It is a cup anemometer for Z-Wave installations which continually measures the wind speed and can, for example, triggers closing of the awning and blinds if it is too windy. As a multifunctional sensor Z-Weather is also able to measure different values and reporting to smart home center.

Z-Weather is powered by a solar cell and stores energy on an internal capacitor, enabling continuous operation, even with few sun for a couple of days. It does not use any batteries and is completely maintenance free. The integrated power management ensures that there is always sufficient energy available to report emergency wind and twilight values. Therefore, the system can close protective blinds or retract awnings.

Besides wind speed Z-Weather measures the amount of rotation as well as solar radiation, enabling calculation of the wind and solar energy yield per day or per year in case of an installed photovoltaics or wind power installation in the locality.

In addition, Z-Weather includes sensors for humidity, temperature, air pressure and dew point, essentially providing the core sensors of a weather station. Using the built-in solar cell it also measures the ambient light (brightness) what can be used to turn on the outdoor light at dusk time and turn the light off in the morning.

Smart Home by POPP

- Heating and Climate Control
- Security Systems
- Lighting Control
- Alarm Systems
- Remote Controls
- Control Center/ Gateway
- Sensors
- Device Control/ Plugs
- Window and Blind Control

With POPP products your home will become intelligent. Control your house or appartment by tablet pc, desktop pc, smartphone or remote control. Activate the heating when you're heading home, close your windows automatically if the weather changes and receive short messages when sensors set off any alarm at home.

For its smart home products POPP trusts Z-Wave technology. Z-Wave is the international leading standard for wireless communication between intelligent devices in homes and offices and thereby the basis for sucessful home automation.

POPP smart home products are compatible and interoperable with Z-Wave certified devices from more than 300 manufacturers worldwide.

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