

ARTGUARDIAN®

Datasheet

SENSOR UNIT

Color	white
Dimensions	118 x 81 x 11 mm
Weight	ca. 100 g
Components	3 components Sensor Module, Battery Module, Mounting Adaptor
Included in Delivery	Sensor Module, Battery Module, Mounting Adaptor, Getting Started manual
Power Supply	Battery Module, replaceable
Life of Battery	2 years
Communication	2.4 GHz, encrypted data transfer
Range	ca. 15 meters *
Measure Interval	configurable, minimum 5 minutes, maximum 24 hours
Logger Operation	up to 2 months
Measurands	relative humidity, temperature, acceleration (movement / shock)
Relative Humidity	range 0 .. 100 % resolution 0.04 % accuracy typ.: ±1.8 %, max.: ±2.0 % (10 .. 90 %)
Temperature	range -40 .. 125 °C resolution 0.01 °C accuracy ±0.2 °C
Acceleration (threshold)	range ±8 g resolution 6 mg, threshold configurable
Options	up to 2 sensor extensions for additional measurands possible
Environmental Conditions	continuous operation -20 .. 60 °C at 10 .. 90 % R.H., non-condensing storage 0 .. 35 °C

BASE STATION

Color	white
Dimensions	80 x 80 x 32 mm (without wall power supply)
Weight	ca. 120 g
Components	2 components Base Station, wall power supply
Included in Delivery	Base Station, wall power supply, Getting Started manual
Power Supply	100 .. 240 V / 50-60 Hz with optional international adaptor plugs
Power Reserve	up to 30 h without mains voltage
Communication	2.4 GHz short-range communication with sensors, GSM (2G) connection
Max. Number of Sensors	max. 6 per base station
Environmental Conditions	continuous operation -20 .. 60 °C at 10 .. 90 % R.H., non-condensing storage 0 .. 35 °C

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* to nearest base station, depending on ambient conditions