



## THP10 LOW POWER CONSUMPTION

GAS, PRESSURE, TEMPERATURE & HUMIDITY AI SENSOR

Utilizes the first intelligent gas sensor with Artificial Intelligence technology integrated with high accuracy pressure, humidity, and temperature sensors. A built in battery will allow up to 6 months of sampling, at a 5 minute sample interval with weekly data extraction. LED indicators relay the status of your device at all times, and the wall mountable enclosure has been designed for harsh industrial environments or indoor/outdoor applications.



### COMPACT & PORTABLE!

Scentroid's THP10 can be transported and installed in a wide variety of remote locations. Color is a light gray to help keep heat absorption down, and the polycarbonate casing carries a flammability rating of UL94 5VA at 3mm. Versatile for any use!



### LOW POWER CONSUMPTION

Low power consumption and low cost! The THP10 is capable of running for an incredible 6 months before a battery change or recharge is required.

Power Consumption	Battery - VARTA 6205 CR123a 3V Battery
Battery Life	6 Months
Time and Date	Synced to atomic clock
Data Transfer	VIA bluetooth
Device Feedback	LED Indicators, power switch, reset switch
Additional Protections	Condor Pressure Switch, and Thermal Overload
Enclosure	Polycarbonate
Enclosure Rating	Designed to meet NEMA Type 4, 4X, 6, 6P, 12 & 13 ratings
Enclosure Mounting	Designed for wall mounting. Interior is secure as lid screws are behind the lid.
Operating Range	-40 +70 °C, 0 100% r.H., 300 1100 hPa
Output Data Processing	Major direct outputs: Index for Air Quality (IAQ), bVOC- & CO2-equivalents (ppm), Gas scan result (%) & Intensity level
Accuracy Tolerance	±3%
Environment Suitability	Great for both indoors/outdoors
Size	4,7" x 3.6" x 1.47"

The THP10 features a unique metal oxide-based sensor that detects gases by adsorption, oxidation, and reduction on its sensitive layer. The intensity of the signal typically scales with the chemical reactivity of the gases. This sensor reacts to most volatile compounds as well as many other gases polluting both indoor and outdoor air. THP10 provides detection of unusual gases and smells, which might indicate for instance a leakage, wildfire, volatile sulfur compound exposure, and more.