

IntelliMON



IMS-SMART

Smart versatile WiFi based IoT environment sensor with native Zabbix support.

FEATURES

- Measures temperature, humidity and pressure as well as indoor air quality (IAQ).
- Connects via WiFi.
- Provides a connector for an optional external temperature sensor.
- Four operation modes, indicated via LEDs.
- Native cloud connection support.

ZABBIX INTEGRATION

- Supports Zabbix 3.0+ and 4.0+.
- Ready-to-go Zabbix templates available.

MANAGEMENT

- Easy initial setup via web captive portal.
- Central configuration management available.
- OTA (over the air) updates available.

POWER SUPPLY

- Micro-USB connector. (5V, 0.5A)
- Integrated 2500 mAh rechargeable LiPo battery for mobile operation up to one year.
- Support for external power bank.

SENSOR RANGES AND DIMENSIONS

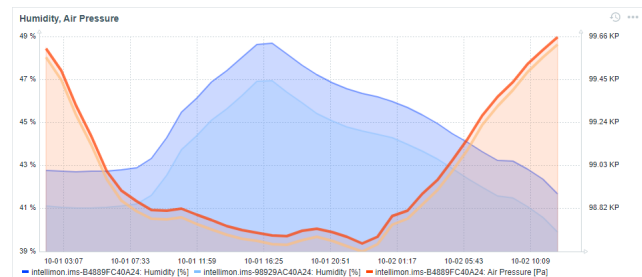
- Temperature: -40°C to 85°C
- Humidity: 0 to 100% RH
- Pressure: 300hPa to 1100hPa
- eCO₂: 400ppm to 8192ppm
- TVOC: 0ppb to 1187ppb
- W/D/H: 10.0cm x 7.2cm x 3.5cm

ACCESSORIES

- External temperature sensor.
- USB power supply.

EXAMPLE OUTPUT

Sensor Data (10 Items)			
Temperature External [C]			
Air Pressure [Pa]	09/30/2019 01:22:...	99.58 KP	-3.05 P
Dewpoint [C]	09/30/2019 01:22:...	11.2 C	-0.02 C
Equivalent Carbon-Dioxide ECO2 [ppm]	09/30/2019 01:22:...	759 ppm	-33 ppm
Humidity [%]	09/30/2019 01:22:...	41.69 %	-0.02 %
Iaq Baseline	09/30/2019 01:22:...	38027	
Temperature [C]	09/30/2019 01:22:...	25.13 C	-0.02 C
Total Volatile Organic Compound TVOC [ppb]	09/30/2019 01:22:...	54 ppb	-5 ppb
VCC [V]	09/30/2019 01:22:...	3.97 V	
WiFi RSSI [dBm]	09/30/2019 01:22:...	-70 dBm	-12 dBm



ORDER INFORMATION

Product ID	Description
IMS_SMART_SEIW	IMS-Smart measuring WiFi, temperature, humidity, pressure and indoor air quality
IMS_SMART_SEW	IMS-Smart measuring WiFi, temperature, humidity and pressure
IMS_SMART_SW	IMS-Smart measuring WiFi