



Part Number: ENV-AS1



## Description

ENV-AS1 - RS-Wi analog input (0-20mA) sensor. Battery operated 12 bit analog-to-digital converter, microprocessor-controlled 418MHz, FCC certified radio transmitter.

RS-Wi sensors spend most of the time in a low power, "sleep" state. The onboard microprocessor requires power only at predetermined time intervals (set at the factory). Sensors provide an output signal and the information is wirelessly transmitted to a point managing receiver (RS-Wi wireless gateway). This architecture allows the sensors to consume minimal power, resulting in a battery life of up to four years.

## Features

Specifications:

- Power Input: 3.6V Battery Lithium AA: included 1210hms, 0-20.66 milliamp, 12-bit resolution (20mA=3g65)
- Battery Life-Lithium AA Battery: Up to 4 years with 10-17 second random transmission interval
- Shelf Life (battery installed): 10 years in quiescent mode
- Transmission-Interval: 10-17 seconds (random)
  - Frequency: 418MHZ
  - Range: Up to 100ft. (30.5m)
- Accuracy: +/- .5°C (+/- 1.0°F)
- Operating Temperature: -40 to 85° C (-40 to 185°F)
- Storage Temperature: -40 to 85°C (-40 to 185°F)
- Dimensions: 2.5'W x 2.0' H x 1.0'D (63.5mm W x 50.8mm H x 25.4mm D)
- Weight: 1.5 oz (42.52g)
- Mounting: wall mount or free standing for ease of relocation
- Certification: FCC Part 15, Class B, FCC ID: M5ZP6EZ10

## Product Highlights

- 0-20mA Analog input transmitter
- Wireless with compact ABS enclosure
- Transmission range of up to 600 feet (182.88m)
- Moisture resistant coating on electronics
- Internal loop antenna
- One year warranty

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