



Part Number: ENV-AS2

## Description

ENV-AS2 - RS-Wi analog input transmitter (0-5vdc) sensor. Battery operated 12 bit analog-to-digital converter, microprocessor-controlled 418 MHz 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 0-5vdc Analog input
- 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

- 0-5vdc Analog input transmitter
- Wireless with compact ABS enclosure
- Transmission range of up to 100 feet (182.88m)
- Moisture resistant coating on electronics
- Internal loop antenna
- One year warranty

Please note the information contained herein is for informational purposes only. Technical claims listed depend on a series of technical assumptions. Your experience with these products may differ if you operate the products in an environment, which is different from the technical assumptions. Geist reserves the right to modify these specifications without prior notice. Geist makes no warranties, express or implied, on the information contained in this document.

10010201

### Geist Americas

800.432.3219  
geistglobal.com

Geist DCIM  
1.877.449.4150  
geistglobal.com

### Geist Europe

+44 (0) 1823 275100  
geistglobal.com

### Geist Asia

China  
+86.755.86639505  
geistglobal.com

Hong Kong  
+852 90361927  
geistglobal.com