



# A1-08 6 Input Temperature (Thermistor) Pod

## Use this Pod to Monitor....

- Ambient Temperature
- Temperature Measurements

## Features

### Ambient Temperature Sensor

- Temperature Range: -40°C to +70°C
- Typical Accuracy at 25°C: ±1.4°C
- Typical Accuracy over Full range: ±2.1% full Span
- Measurement Resolution: 0.21°C

### Digital Inputs (Contact Closure)

- Number of Inputs: 2
- Zero Input Voltage: 0 to 0.5Vdc (or Shorted Input)
- High Input Voltage: 2.4 to 10Vdc (or Open Circuit)

### Thermistor Inputs

- Number of Inputs: 6
- Temperature Range: -40°C to +112°C
- Typical Accuracy over -10°C to +50°C: ±0.49°C
- Measurement Resolution: 0.1°C
- NTC Thermistor Resistance at 25°C: 10KΩ

## General Specifications

### Physical Size

- 3.5 in x 3.25 in x 2in. (89mm x 83mm x 51mm)
- Weight: 8 oz. (227g)

### Power Options

- 100-240Vac 50-60Hz
- DC Input 4-7Vdc
- 3 x AA Batteries (6 month life at 5 minute sampling intervals)

### Wireless

- Range: 250ft Outdoors, 90ft Indoors
- Topology: Mesh
- Standard: IEEE 802.15.4
- Frequency: 2.4GHz DSS
- Power Output: -0.79dBm

### Sampling Rate

- User Settable 30sec – 24hrs

### Emergency Data Storage

- 250 Samples per Sensor

### Operating Environment

- -40°C to 70°C, 5-95%rh  
Non-Condensing  
When using Lithium batteries  
With Alkaline batteries -20°C to 50°C

## Accessories

- E1-22 ISO 17025 NIST Traceable Calibration Certificate Available
- E1-16 External Battery Pack



CAS Data Loggers  
8588 Mayfield Road, Chesterland, OH 44026  
Tel: (800) 956-4437, Fax: (440) 729-2586  
[www.DataLoggerInc.com](http://www.DataLoggerInc.com)

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