



### FEATURES

- Measure Temperatures from -40°F (-40°C) to 176°F (80°C)
- Measure Humidity with accuracy of 3%
- Measure Wetness (Leak Detection)
- Monitor up to 4 temperature, humidity or wetness locations
- Supported by many NMS (Network Management Software) applications
- Mounting flanges
- °F, °C, K, R units
- Low cost, small, light-weight

Model EM-1: 4-port Temperature/Humidity and Wetness Monitor

TWO-YEAR LIMITED WARRANTY

### OVERVIEW

The Model EM1 Series of Environmental Monitors connect directly to your network via an Ethernet hub or switch offering a unique environmental logging solution. Its list of features include:

1. **Ethernet connectivity:** Simply setup the units IP Address, Netmask and Gateway and begin collecting environmental data or let the unit dynamically configure the network settings for you via DHCP
2. **Internal Web Server:** A built-in web server ...listening on TCP/IP Port 80 (or at a user selected port) for requests to display the current environmental conditions.

3. **Various Software Options** Due to the openness and simplicity of our TCP/IP architecture, many software publishers have written direct support for our monitors. Visit our website at <http://sensatronics.com> for the latest list of known software applications that are compatible with Sensatronics Monitors.

4. **High Accuracy:**  
Temperature

0.5°F (0.3°C) from -20°F (-28.9°C) to 120°F (48.9°C)  
1.5°F (0.8°C) from -40°F (-40°C) to 176 °F (80°C)

Humidity 3% RH from 5% to 95% RH  
Non condensing

Wetness 1 – 100 scale of wetness

### TECHNICAL SPECIFICATIONS

<b>Resolution:</b>	0.1°F, °C, °K
<b>Probe Accuracy:</b>	0.5°F from -20°F to +120°F 1.5°F from -40°F to +176°F 0.3°C from -28.9°C to +48.9°C 0.8°C from -40°C to +80°C
<b>Measurement Interval:</b>	3 seconds
<b>Units Selectable:</b>	°F, °C, K, R
<b>Power supply:</b>	9VDC @ 250mA
<b>Exterior Dimensions:</b>	4 1/4" x 3 1/4" x 0.75 10.8cm x 8.3cm x 2cm
<b>Shipping weight:</b>	3 lbs., 1.3kg w/cables
<b>Probe:</b>	Heavy Duty (75'), (22.86m) Longer lengths available Wetness probes in 10' and 75' lengths
<b>Computer Interface:</b>	RS232C (25-pin female D connector)

### CONTACT INFORMATION

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