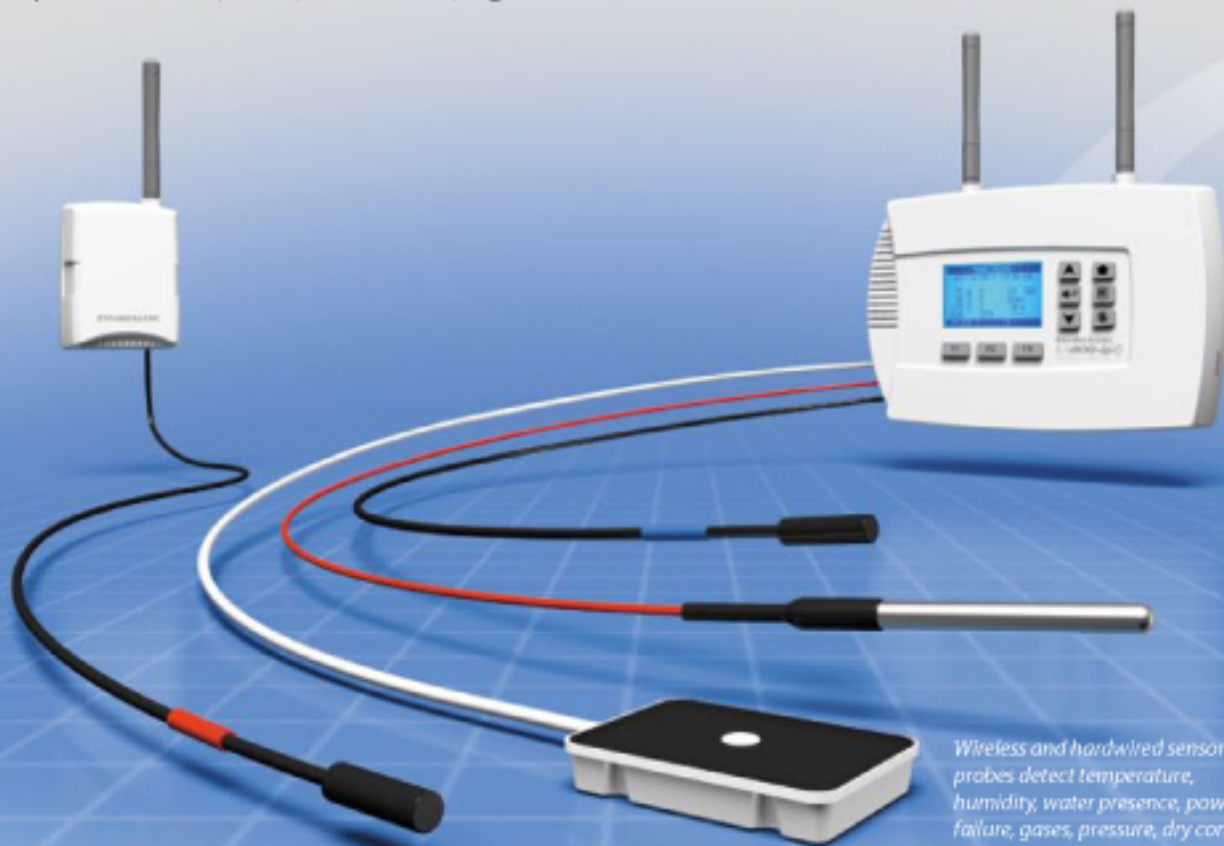


ENVIROALERT. EA800-ip

Network IP Critical Condition Monitoring Solution for Asset Protection

The EnviroAlert EA800-ip provides two-way access to remotely monitor, collect and view real-time data from up to eight sensors for temperature, humidity, water, gases, pressure and dry contacts. Sensor settings may also be modified via an IP connection eliminating the need for on-site adjustments or a service call. Industries that benefit from 24/7 peace of mind include medical, pharmaceutical, HVAC, food service, high tech and more.



Wireless and hardwired sensor probes detect temperature, humidity, water presence, power failure, gases, pressure, dry contact and more (sensors sold separately).

APPLICATION EXAMPLES



The EA800-ip is designed for use in a variety of applications, including Grocery and Convenience Store Coolers and Freezers; Laboratories, Pharmacies, Hospitals and Clinics; Restaurants, Commercial Kitchens and Institutional Food Storage; Computer and Electronics Rooms, Cell Tower Sites, and HVAC; Factories, Refineries and Warehouses; Greenhouses, Grain Elevators and Livestock Buildings; Residential Basements, Garages, Kitchens, Laundry Areas and Vacation Homes.

The EnviroAlert EA800-ip offers:

- Ethernet connectivity
- Monitoring of multiple sites from any location
- Remote access to:
 - Programming
 - Real-time data viewing
 - Sensor, alarm and event data logs for audit trail
- Auto report generation
- Seamless integration with any alarm system
- Sensors for temperature, humidity, water presence, gases, dry contact
- Alarm notification via text message, email, dry contact relay
- Smartphone compatibility
- Dedicated output relays for each sensor



SPECIFICATIONS **EnviroAlert® EA800-ip**

| EA800-ip Console | |
|--|---|
| Low & High Limit Adjust Range | Temperature: -112 to +302° F (-80 to +150° C) ± 2° F Humidity: 5% to 95% Relative Humidity ± 5% Range limitations are sensor-specific based on Win and proprietary sensor types. |
| Sensor Inputs | 8 Total Sensors (4 Wireless Sensors and 4 Hardwired Sensors) |
| Alarm Outputs | 8 – Form C Relays (Configurable) – Max 30 VDC @ 1 Amp resistive |
| Auxiliary Alarm Output | 1 – Form C Relay (Configurable) – Max 30 VDC @ 1 Amp resistive |
| Wireless Frequency | 2.405 GHz – 2.480 GHz, 16 channels See owner's manual for more information. |
| Data Collection Frequency | 30 seconds, 1, 5, 15, 30, 60, 120 minutes |
| Power Requirements | 11 to 26 VDC @ ≤500 mA |
| Operating Temperature Range | +32 to +122° F (0 to +50° C) Indoor Use Only |
| Ethernet | 10/100BASE-TX/FX; fully compliant to IEEE802.3u standard |
| Piezo Buzzer | 88 dBA (min) @ 10 cm Continuous |
| Mounting | Mounts to 3-gang Electrical Box |
| Console Size | 8.13" x 5.52" x 1.93" (20.6 cm x 14.0 cm x 4.9 cm) |
| Console Weight | 1.0 lbs (0.45 kg) |
| Case Material | ABS |
| Warranty | 1 Year Limited |

| EA800-ip Wireless Sensors | EA-WTS Wireless Temperature Sensor | EA-WHS Wireless Humidity Sensor | EA-WMFS Wireless Multi-Function Sensor |
|---|---|---|--|
| Monitoring Ability Sensing Range | Temperature +32 to +122° F (0 to +50° C) | Humidity 5% to 95% Relative Humidity | Requires remote sensor – see list of Hardwired Sensors below |
| Operating Temperature Range | +32 to +122° F (0 to +50° C) Non-condensing Environment. Not for use in coolers/freezers. | | |
| Power Requirements | Battery Power: 2 – AA Alkaline Batteries Line Power: +12 VDC @ ≤100 mA | | |
| Battery Life | Up to 4 Years | | |
| Wireless Frequency | 2.405 GHz – 2.480 GHz, 16 channels See owner's manual for more information. | | |
| Transmission Distance | 1000' (305 m) Line-of-sight | | |
| Mounting | Surface Mount | | |
| Sensor Size | 3.67" x 2.65" x 1.17" (9.3 cm x 6.7 cm x 2.9 cm) | | |
| Sensor Weight | 0.25 lbs (0.11 kg) | | |
| Case Material | ABS | | |
| Warranty | 1 Year Limited | | |

| Hardwired Sensors & Accessories | |
|------------------------------------|---|
| Temp-UL-S | Stainless Steel Ultra Low Temperature Thermistor Probe -112 to +32° F (-80 to 0° C) |
| Temp-H-S | Stainless Steel High Temperature Thermistor Probe +32 to +302° F (0 to +150° C) |
| Temp-L-S | Stainless Steel Low Temperature Thermistor Probe -58 to +158° F (-50 to +70° C) |
| Temp-L-W | Waterproof Low Temperature Thermistor Probe -58 to +158° F (-50 to +70° C) |
| Temp-H-W | Waterproof High Temperature Thermistor Probe +32 to +221° F (0 to +105° C) |
| Temp-P-H | Temp sensor probe housing (water proof probes only) |
| W-S-S | Supervised WaterBug® Surface Sensor |
| W-UC-S | Supervised WaterBug® Under Carpet Sensor (Not RoHS compliant) |
| HA-III+ | HA-III+ Electronic Humid-Alert • Sensing Range: 5% to 95% R.H. • Accuracy: ± 5% (10% - 90% RH @ 77° F / 25° C) Response Time: <12 min • Input Voltage: 12 VDC @ 10 mA • Operating Temperature Range: 32° F to 152° F (0° C to 50° C) |
| PS110 | PS-110 Power-Out Alert™ |
| Standard Industrial Sensors | 4 – 20 mA Sensors (160 Ω load resistance) See owner's manual for more information. |
| MB-3M | 3-Gang Surface Mount Electrical Box (Metal) |



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