



**WINLAND**  
ELECTRONICS, INC.



# ENVIROALERT® EA800

## EIGHT ZONE WIRELESS/WIRED MONITORING AND LOGGING OF CRITICAL CONDITIONS

- Simultaneously monitor 8 zones (up to 4 wired and up to 4 wireless) for temp, humidity, water presence, contact, more
- Graphic LCD real-time data display flashes in alarm condition.
- Password protected programming lock.
- Automatic data logging of sensor, alarm and event data.
- Download data logs via USB stick.
- Data collection frequency from 30 seconds to 120 minutes.
- 8 zone-specific relays plus 1 auxiliary relay.
- On-board piezo buzzer.
- Alarm time delay up to 120 minutes to avoid nuisance alarms (excellent for freezer defrost cycles).
- Do not put console in freezer/cooler. Use wired probe.



Convenience Store



Drug/Blood Storage



Server Room



Commercial Kitchen

Alarm/Event	Message	Time	Temp	Humidity	Water	Pressure	Relay	Relay	Relay	Relay	Relay	Relay	Relay	Relay	Relay	Relay	Relay	Relay
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Automatic Data Logs: Sensor, Alarm, Event

### Console Specifications:

- Power requirements: 11 to 26 VDC @ 500mA
- Remote Sensor Inputs: 8 total (up to 4 wired and up to 4 wireless)
- Alarm Outputs: 8 + 1 Aux Form C Relays; configurable (1A @30 VDC, resistive)
- Buzzer: 88dBA @ 10cm @ 12 VDC; 2.4 kHz, continuous
- Wireless Frequency: 2.405 - 2.480 GHz, 16 channels - See owners manual for more information.
- Transmission Distance: 1,000' (305 m) Line-of-sight
- Weight: 1 lb (0.45 kg)
- Data Collection: 10,000 point maximum (every 30 seconds to once every 120 minutes)
- Dimensions: 8.13 x 5.52 x 1.93" (20.6 x 14.0 x 4.9 cm)
- Mounting: Standard 3-gang box or surface mount

### Accessory Probes:

Probe Detection	Model Number	Range
Wireless Temp Sensor	EA-WTS	32° to 122° F (0 to 50° C)
Wireless Humidity Sensor	EA-WHS	5 to 95% RH
Wireless Multi-Function Sensor	EA-WMFS	Requires probe for operation.
Temp Ultra Low (White) Stainless Steel	TEMP-UL-S	-112° to 32° F (-80 to 0° C)
Temp Low (Blue) Stainless Steel	TEMP-L-S	-58° to 158° F (-50 to 70° C)
Temp Low (Blue) Waterproof	TEMP-L-W	-58° to 158° F (-50 to 70° C)
Temp High (Red) Stainless Steel	TEMP-H-S	32° to 300° F (0 to 150° C)
Temp High (Red) Waterproof	TEMP-H-W	32° to 221° F (0 to 105° C)
Humidity	HA-III+	5 to 95% RH
Water Surface Probe (supervised)	W-S-S	
Water Under Carpet Probe (supervised)	W-UC-S	
PS-110 Power-Out Alert	PS-110	

N.O./N.C. devices  
\*\* Hard wire any 4-20mA sensor - see owners manual on-line for more information.



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