WINLAND™
ELECTRONICS, INC.

Critical Condition Monitoring Solutions

Be Informed Before It's Too Late!

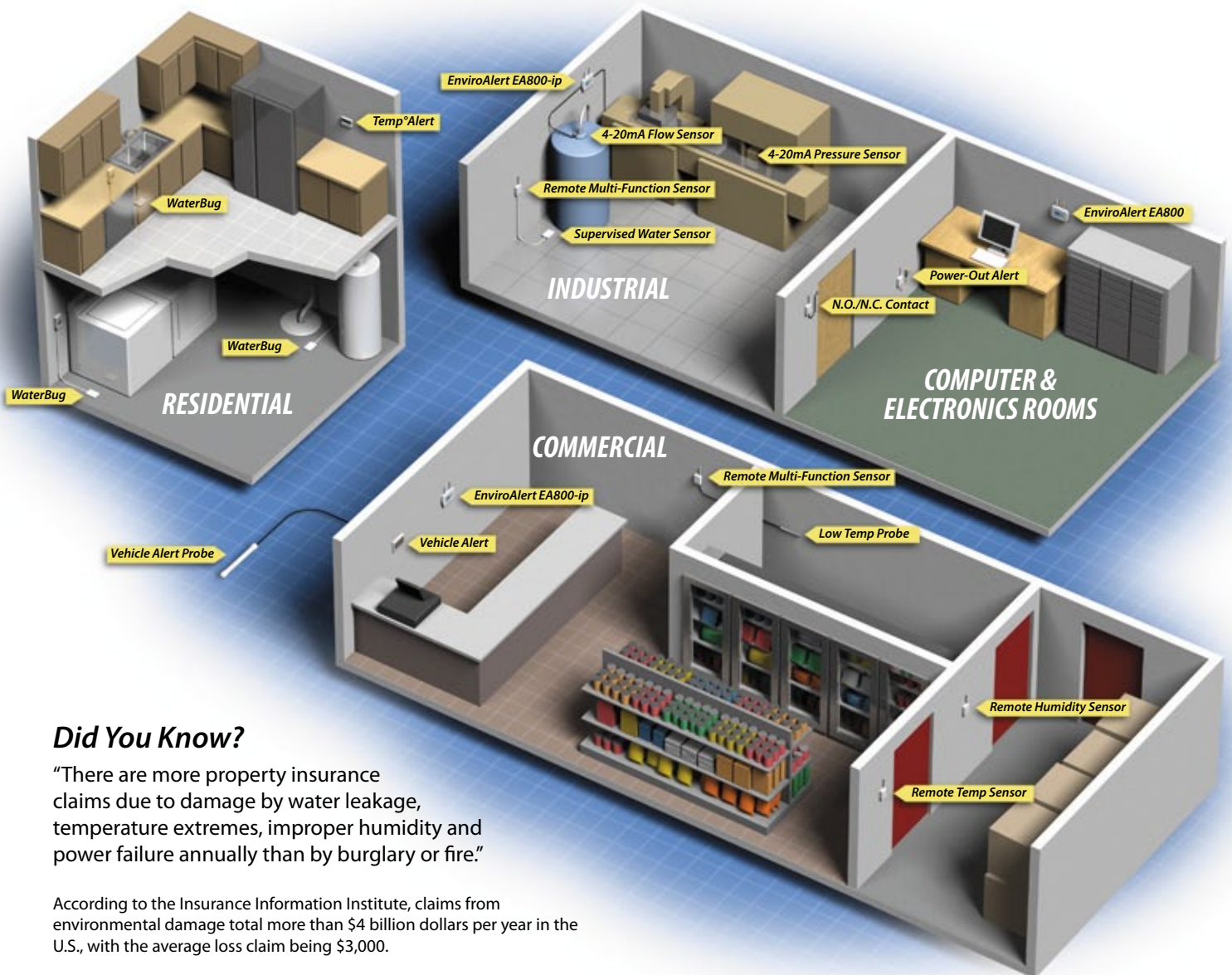WINLAND ELECTRONICS
40th
ANNIVERSARY
1972-2012

Monitoring of Critical Environmental Conditions Has Never Been This Simple!

Protect Property from the Adverse Effects of:
Temperature - Humidity - Water Leakage - Power Failure - and more!

Winland monitors and sensors are designed for use in a wide variety of applications including Industrial, Medical/Pharmaceutical, Grocery/Food Service and High Tech industries.

EnviroAlert EA800-ip

Temp°Alert

4-20mA Flow Sensor

4-20mA Pressure Sensor

Remote Multi-Function Sensor

EnviroAlert EA800

WaterBug

Supervised Water Sensor

Power-Out Alert

N.O./N.C. Contact

WaterBug

INDUSTRIAL

COMPUTER & ELECTRONICS ROOMS

WaterBug

RESIDENTIAL

COMMERCIAL

EnviroAlert EA800-ip

Remote Multi-Function Sensor

Vehicle Alert Probe

Vehicle Alert

Low Temp Probe

Remote Humidity Sensor

Remote Temp Sensor

Did You Know?

"There are more property insurance claims due to damage by water leakage, temperature extremes, improper humidity and power failure annually than by burglary or fire."

According to the Insurance Information Institute, claims from environmental damage total more than $4 billion dollars per year in the U.S., with the average loss claim being $3,000.

ENVIROALERT® EA200 EA400

Advanced Monitoring for Critical Environments

Whether it is a residential or commercial application, EnviroAlert® provides the flexibility to simultaneously monitor temperature, humidity, and/or water in one or more critical environments (sensor probes sold separately). With a designated relay output for each zone, EnviroAlert® will activate alarms, dialers, transmitters, etc.

Other Special Features

- User-friendly configuration set up
- Eight event alarm memory with time and date
- Auxiliary relay output for local alarm
- Auxiliary alarm silence feature with 10 minute timer
- Tamper-proof lock setting

Each Zone Has

- Alarm time delay up to 120 minutes to avoid nuisance alarms (freezer defrost cycles, door opening & closing, etc.)
- Offset calibration adjustment
- Temperature & humidity high/low set points
- Output relays can be configured to be initially energized or de-energized

EA200-12 (EA20012)
12VDC

EA200-24 (EA20024)
24VDC

Dual zone monitoring with on-board temperature sensor on first zone. Second zone requires remote probe of choice for temperature, humidity, or water sensing. The EA200 allows only one external sensing probe to be connected.

EA400-12 (EA40012)
12VDC

EA400-24 (EA40024)
24VDC

Four zone monitoring with simultaneous operation of any combination of remote probe of choice for temperature, humidity or water sensing. The EA400 allows up to 4 external sensing probes to be connected and does not include any built-in sensors.
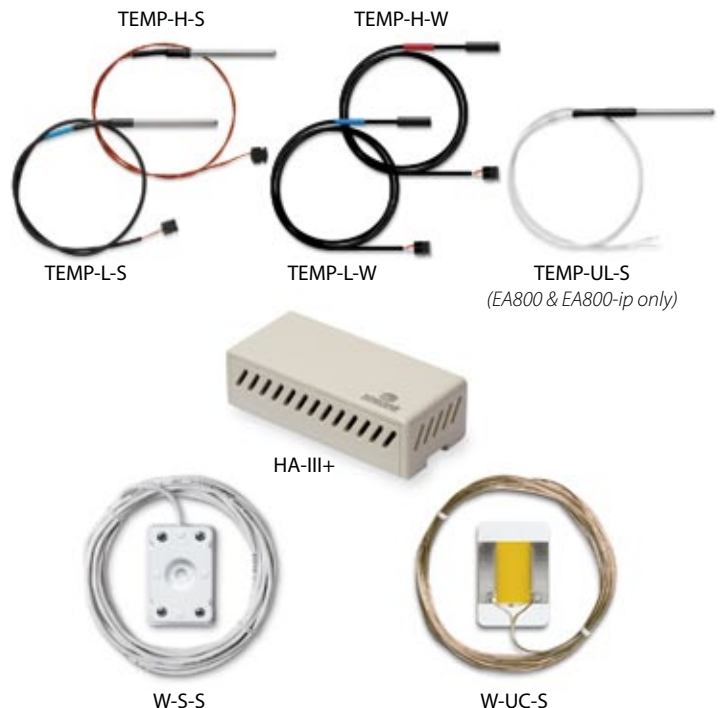
EnviroAlert® Remote Probes

Temperature
Remote probes are available in high and low temp ranges as well as stainless steel or waterproof options. These can accommodate many applications: coolers and freezers, computer rooms and computer equipment, cell tower sites, residential and vacation homes, etc. (Probe accuracy: ±0.5°C)

TEMP-H-S   TEMP-H-W

TEMP-L-S   TEMP-L-W   TEMP-UL-S
(EA800 & EA800-ip only)

Humidity
The EnviroAlert® will provide a relative humidity reading for monitoring critical environments: greenhouses, humidors, document storage, computer rooms, cell tower sites, furniture storage, wine cellars, etc.

HA-III+

Water
Minimize damage from water leaks with the supervised WaterBug® sensor. It is ideal for use with or around laundry rooms, basement sump pumps, all drain areas, computer rooms, document storage areas, warehouses, A/C condenser trays, etc.

W-S-S   W-UC-S

ENVIROALERT® EA800

Wireless Critical Condition Monitor

EnviroAlert® EA800 provides the flexibility to simultaneously monitor up to 8 zones (up to 4 wireless, up to 4 wired) for temperature, humidity, water detection and power failure. Hardwiring 4-20mA sensors allows industrial measurements such as pressure, flow, and gas detection. With a designated relay output for each zone, EnviroAlert® will activate alarms, dialers or transmitters when programmed limits have been exceeded.

TOP 30 TECHNOLOGY INNOVATIONS SECURITY SALES & INTEGRATION

Data Log Example
Data log template provided on product CD and at EA800.net

EA800 Console (EA800)

Versatile monitoring console receives and automatically records data from wireless and wired sensors.

- Eight zone monitoring (4 wireless, 4 wired)
- Data logging transferable to a USB memory stick
    - Sensor data
    - Event and alarm history
    - Collection frequency from 30 seconds to 120 minutes
- 8 zone-specific relays with 1 auxiliary relay
- Intuitive user interface
- 128 x 64 graphic LCD display with blue backlight that flashes under alarm condition
- Accommodates 4-20 mA sensors (pressure, airflow, CO_2, etc.)
- Wireless frequency 2.405 GHz - 2.480 GHz, 16 channels
- Password protected programming lock
- On-board piezo buzzer
- Product CD includes (also available at EA800.net):
    - Owners Manual
    - Quick Start Guide
    - Wireless Sensor Placement Guide
    - Data Log Template
    - Technical Instructions

Wireless Sensors

- Wireless sensors work with EA800 and EA800-ip consoles
- 1,000' (305 m) line-of-sight transmission distance
- Up to 4-year battery life (low battery alarm notification)
- Not for use in coolers/freezers; use wired remote probe or EA-WMFS with remote probe.

EA-WMFS shown with Temp-H-S Probe (sold separately)
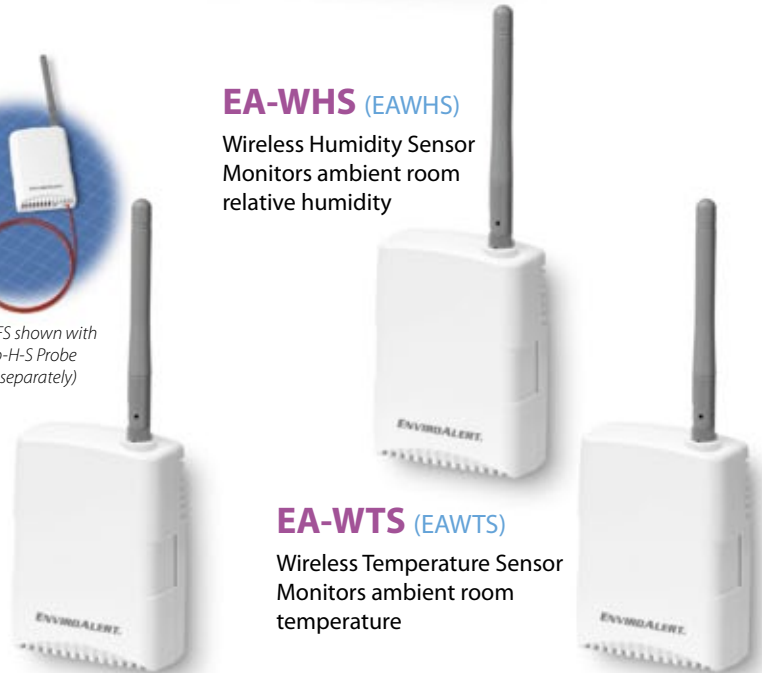
EA-WHS (EAWHS)

Wireless Humidity Sensor
Monitors ambient room relative humidity

EA-WMFS (EAWMFS)

Wireless Multi-Function Sensor
Requires remote probe to detect various conditions (probes sold separately)

EA-WTS (EAWTS)

Wireless Temperature Sensor
Monitors ambient room temperature

APPLICATION EXAMPLES

Electronics Rooms   *Hospitals/Clinics*   *Factories/Refineries*   *Grocery/C-Store*   *Restaurants*

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 (up to 4 wireless, up to 4 wired) for temperature, humidity, water, gases, pressure, dry contacts and more. Sensor settings may also be modified via an internet 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.

EA800-ip Console (EA800-ip)

Ethernet enabled monitoring console receives and automatically records data from wireless and wired sensors.

- Ethernet connectivity
- Monitoring of multiple sites from any location (with the purchase of additional EA800-ip consoles and sensors)
- Remote access to:
  - Programming
  - Real-time data viewing
  - Sensor, alarm and event data logs for audit trail
- Compliance with 21 CFR Part 11
- 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, and local sounder
- Dedicated output relays for each sensor
- Eight zone monitoring (4 wireless, 4 wired)
- Data logging:
  - Sensor data
  - Event and alarm history
  - Collection frequency:
    - 30 seconds to 120 minutes locally
    - 5 to 120 minutes via Ethernet
- Intuitive user interface
- 128 x 64 graphic LCD display with blue backlight that flashes under alarm condition
- Accommodates 4-20 mA sensors (pressure, airflow, CO_2, etc.)
- Wireless frequency 2.405 GHz - 2.480 GHz, 16 channels
- Password protected programming lock
- On-board piezo buzzer

More information at ea800ip.com

APPLICATION EXAMPLES

Grocery/C-Store   *Industrial*   *Pharmacies/Clinics*   *Food Prep/Storage*   *High Tech*

WATER BUG®

Industry Preferred Water Detection System

Choose from three WaterBug® models for dependable water detection. Ideal for basement sump pumps, drain and storage areas, computer rooms, document storage areas, warehouses and sprinkler systems. WaterBug® sensors work when a conductive bridge is formed between two contacts.

WB-200

WB-200 (WB200)

Use in conjunction with alarm panel, bell, wireless transmitter, etc. Run as many as 6 sensor probes wired in parallel up to 100' (30.48 m) away from the unit for wide area protection.

- Hardwire powered
- Includes one standard unsupervised surface sensor (W-S-U)
- Accepts standard unsupervised under carpet sensors (W-UC-U)
- One Form C relay output (N.O./N.C.)

WB-350 (WB350)

Same capabilities as WB-200 but 9V battery powered for a stand-alone option.

- Low battery alarm
- Integrated buzzer
- Includes one standard unsupervised surface sensor (W-S-U)
- Accepts standard unsupervised under carpet sensors (W-UC-U)
- Open-collector output

When water reaches a WaterBug® sensor, it activates alarms, bells, wireless transmitters, etc., in existing panels.

WB-350

WB-800 (WB800)

Connect up to 8 supervised (1 per zone) or 16 unsupervised (2 per zone) WaterBug® sensors up to 500' (152.4m) from console. Dedicated single relay output simplifies wiring while 8 LEDs indicate which zone is in alarm.

- Built-in audible alarm with silence feature
- Includes four standard supervised surface sensors (W-S-S)
- Supervised sensors will alarm if wire is severed as well as when water is detected
- One Form C relay output (N.O./N.C.)

- Sensor options available for WB-800:
  - Standard surface sensor unsupervised (W-S-U)
  - Standard under carpet sensor unsupervised (W-UC-U)
  - Standard surface sensor supervised (W-S-S)
  - Standard under carpet sensor supervised (W-UC-S)

WB-800

APPLICATION EXAMPLES

| Home | Laundry | Kitchen | Garage/Basement | Warehouses |

TEMP°ALERT®

Powerless Operation for Controlled Climates

Reliable and economical temperature protection for residential or commercial security systems. Wire units in parallel for simple, wide-area coverage. Ideal for computer rooms, residential/vacation homes, greenhouses, animal buildings and unattended buildings. **Not for use in cooler/freezer monitoring, instead choose an EnviroAlert® with probe.**

TA-1

TA-1 (TA1)

Monitor high and low temperature limits by setting an acceptable temperature range with high and low limit arms.

- High and low-set points will activate virtually any alarm panel, dialer or wireless alarm
- Gold plated N.O. dry contacts
- No power required to operate

TA-2HL (TA2HL)

Same temperature range as the TA-1, with additional feature of separate high and low temperature outputs.

- Separate high and low alarm outputs
- 15' (4.57 m) signal cable exits rear of unit for clean appearance
- Retro styling
- Gold plated N.O. dry contacts
- No power required to operate

TA-2HL

MTA-1 (MTA1)

Economical, sleek, low-profile temperature monitoring.

- High and low-set points will activate virtually any alarm panel, dialer or wireless alarm
- Separate high and low temperature outputs
- Sleek 1" (2.54 cm) profile
- Gold plated N.O. dry contacts
- No power required to operate

MTA-1

TA-40 (TA40)

Simple low-temperature monitoring. Perfect for residential and vacation homes, or unattended buildings. Low cost makes it easy to add redundancy to a system.

- Will activate virtually any alarm panel, dialer or wireless alarm
- N.C. dry contacts at temperatures above 39.2˚F (4˚C)
- Very small size for unobtrusive appearance
- No power required to operate

TA-40

APPLICATION EXAMPLES

Outbuildings   **Storage Areas**   **Vacation Homes**   **Livestock Buildings**   **Cell Tower Sites**

VEHICLE ALERT™

Driveway Warning System

Automatically activate alarms, doorbells, surveillance cameras, etc. whenever a vehicle enters the driveway.

- Two auxiliary Form A relays for activating alarms, bells, cameras, etc.
- Built-in audible alarm
- Six minute exit delay allows a vehicle to leave without activating the alarm
- Purchase complete system with 100' (30.48 m) of cable [VAL-1] or purchase components individually for custom package design
- Maximum cable run of 2,500' (762 m)

VAL-1

HUMID·ALERT™

Economical Humidity Monitoring

HA-1 (HA1)

Wall console-style humidity monitoring device with easy to use setting dial. Applications include computer rooms, energy management systems, office areas, museums, document storage areas and greenhouses.

- No power required to operate
- Nylon banded sensing element
- Monitors range of 20% to 80% RH
- Single set point
- SPDT outputs switch to activate alarm systems, controls, digital communications equipment, etc.
- Designed for wall or duct surface mounting

HA-1

POWER·OUT ALERT™

Economical Power Monitoring Solution

PS-110 (PS110)

Power outage detector simply plugs into any 120 VAC outlet. Applications include homes, computer rooms, supermarkets or anywhere power monitoring is critical.

- 15' (4.57 m) signal output cable connects to any alarm panel, etc.
- When power is interrupted for 3-8 minutes, a dry contact closes producing a signal output. This time delay eliminates nuisance alarms from momentary outages.
- May be used as a wired accessory with EnviroAlert EA-WMFS

PS-110

APPLICATION EXAMPLES

| Basements | Greenhouses | Computer Rooms | Farm Sites | Warehouses |

Vehicle Alert™ Console (VAL-C)

Power Requirements	Regulated 10 - 14 VDC @ 100mA
Current Draw	40mA resting, 70mA alarm condition
Buzzer Duration	1 to 18 seconds
Buzzer Sound Pressure Level	88dB @ 30cm @ 12VDC
Exit Delay	6 minutes (fixed)
Auxiliary Relay	2 Form A (N.O.) < 500 mA @ 24 VDC/VAC
Cable Type	Direct burial 22 AWG shielded twisted pair with ground wire
Max Number of Probes	2
Max Cable Run	2,500' (762 m)
Operating Range	32 to 132˚F (0 to 55.5˚C)
Console Weight	0.7 lbs (0.32 kg)
Console Size	6.55 x 4.70 x 1" (16.6 x 11.9 x 2.54 cm)
Alarm Console Mounting	Standard 3-gang electrical box

Vehicle Alert™ Accessory Model Numbers

Complete System (Console, probe, 100' (30.48 m) cable, transformer)	VAL-1
Console Only	VAL-C
Probe and 10' (3.05 m) cable	VAP-10
Probe and 100' (30.48 m) cable	VAP-100
Probe and 200' (60.96 m) cable	VAP-200
Probe and 350' (106.68 m) cable	VAP-350
Probe and 500' (152.4 m) cable	VAP-500
Probe and 1000' (304.8 m) cable	VAP-1000
Cable only 1000' (304.8 m)	VC-1000
Splice Kit	VA-SK
Remote Buzzer	BZ-1
12 VDC Transformer/Power Supply	12VDCT

Humidity Sensing

Humidity Sensing	HA-1	HA-III+ (EnviroAlert® Accessory)
Power Requirements	None	12 VDC @ 5mA
Sensing Range	20-80% RH ±10%	5-95% RH ±5% @ 10-90% RH, 77°F
Sensing Element	Nylon Band	Capacitive / IC
Response Time	TC = 12 min	TC < 12 min
Output	1 Amp resistive @ 24 V DC	N/A
Operating Range	60 to 90˚F (15 to 32˚C)	32 to 152˚F (0 to 66˚C)
Weight	8 oz (0.23 kg)	5 oz (0.14 kg)
Dimensions	5 x 3.18 x 2.43" (12.7 x 8.1 x 6.2 cm)	3 x 2 x 1.75" (7.6 x 5.08 x 4.45 cm)
Case Material		ABS
Mounting	Wall or duct surface	Surface mount

Power-Out Alert™ (PS-110)

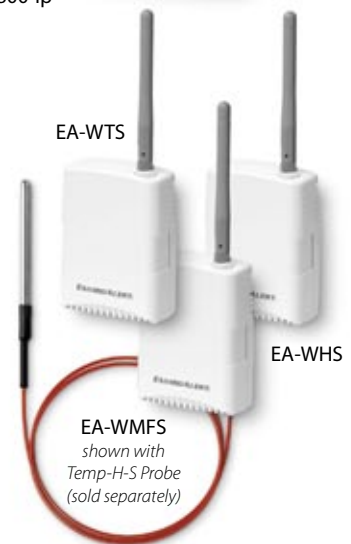|	
Application	Standard 2 blade 120V outlet
Contact Ratings	0.5 Amp @ 30 V
Time Delay	3 to 8 minutes, not adjustable
Operating Range	40 to 100˚F (4.5 to 37˚C)
Weight	9.3 oz (0.26 kg)
Dimensions	2.25 x 2 x 3" (5.7 x 5.1 x 7.6 cm)
Mounting	Standard eyelet and included mounting screw.

TempAlert®

TempAlert®	TA-1	TA-2HL	MTA-1	TA-40
Power Requirements	No power required to operate			
Low Limit Adjust Range	-30 to 120˚F (-34 to 49˚C)		30 to 90˚F (-1 to 32.2˚C)	N/A
High Limit Adjust Range	-20 to 130˚F (-29 to 54˚C)		40 to 100˚F (4 to 37.7˚C)	N/A
Fixed Setting	N/A			N.O. ≤ 39.2˚F (4˚C)
Minimum Temp Span	10˚ - Recommended distance between high and low set points			N/A
Temp Accuracy	±3˚F (±1.7˚C)			±5.4˚F (±3˚C)
Temp Response Time	TC = 14 minutes			N/A
Temp Sensing Element	Bimetallic Coil			Bimetallic
Outputs (Not for high voltage use)	Gold plated N.O. dry contacts			N.C. dry contact
Contact Output Rating	12VDC @ 50mA			Voltage ≤ 24V AC/DC Current ≤ 200mA
Operating Range	32 to 122˚F (0 to 50˚C) non-condensing ambient environments only			
Weight	12 oz (340 g)		6 oz (170 g)	3 oz (85 g)
Dimensions	6.25 x 3.75 x 2" (15.9 x 9.5 x 5.1 cm)	6.25 x 3.75 x 1" (15.9 x 9.5 x 2.5 cm)	4.5 x 3.25 x 1" (11.4 x 8.3 x 2.5 cm)	2.5 x .8 x 0.55" (6.4 x 2 x 1.4 cm)
Material	ABS			
Mounting	Key slot		Surface mount	2 screw holes (0.165" [0.42 cm] dia.)

EnviroAlert®	EA800	EA800-ip
Ethernet	N/A	10/100BASE-TX/FX; fully compliant to IEEE802-3u standard
Power Requirements	11 to 26 VDC @ ≤500mA	
Remote Sensor Inputs	8 total (4 hardwired and 4 wireless)	
Alarm Outputs	8 – Form C Relays (Configurable) – Max 30 VDC @ 1 Amp resistive	
Wireless Frequency	2.405 GHz - 2.480 GHz, 16 channels See owner's manual for more information	
Operating Range	32 to 122° F (0 to 50° C) Indoor Use Only	
Piezo Buzzer	88dBA @ 10cm @ 12VDC, Continuous duration	
Weight	1 lb (0.45 kg)	
Dimensions	8.13 x 5.52 x 1.93" (20.6 x 14.0 x 4.9 cm)	
Case Material	ABS	
Mounting	Standard 3-gang box or surface mount	

EA800

EA800-ip

EA800 Wireless Sensors	EA-WTS	EA-WHS	EA-WMFS
Monitoring Ability Sensing Range	32 to 122°F (0 to 50°C)	5 to 95% R.H.	Remote sensor dependent.
Power Requirements	Battery Power: 2 - AA Alkaline Batteries Line Power: 12 VDC @ ≤100mA		
Remote Sensor Inputs	N/A		Requires remote sensor. (See facing page)
Operating Range	32 to 122°F (0 to 50°C) Non-condensing environment. Not for use in coolers/freezers.		
Battery Life	Up to 4 years (not included)		
Wireless Frequency	2.405 GHz - 2.480 GHz, 16 channels See owner's manual for more information		
Transmission Distance	1,000' (305 m) Line-of-sight		
Weight	0.25 lb (0.11 kg)		
Dimensions	3.67 x 2.65 x 1.17" (9.3 x 6.7 x 2.9 cm)		
Case Material	ABS		
Mounting	Surface mount		

EA-WTS

EA-WHS

EA-WMFS
*shown with
Temp-H-S Probe
(sold separately)*

EnviroAlert®	EA200-12	EA200-24	EA400-12	EA400-24
Power Requirements	12 VDC @ < 120mA	24 VDC @ < 120mA	12 VDC @ < 200mA	24 VDC @ < 200mA
Remote Sensor Inputs	1 (Zone 2)		4 (Zone 1-4)	
On-Board Temp Sensor	Zone 1, 32 to 122°F (0 to 50°C)		N/A	
Operating Range	32 to 122°F (0 to 50°C)			
Low & High Limit Adjust Range	-58 to 299°F (-50 to 150°C)			
Alarm Outputs (configurable)	2 Form C Relays (N.O./N.C.) 1A @ 30 VDC		4 Form C Relays (N.O./N.C.) 1A @ 30 VDC	
Aux Alarm Output	1 Form C Relay (N.O./N.C.) (Non-configurable)			
Weight	.55 lb (0.25 kg)		.60 lb (.27 kg)	
Dimensions	6 x 4.75 x 1.25" (15.24 x 12.07 x 3.18 cm)			
Case Material	ABS			
Mounting	Standard 2-gang box or surface mount			

EA200-12

EA400-12

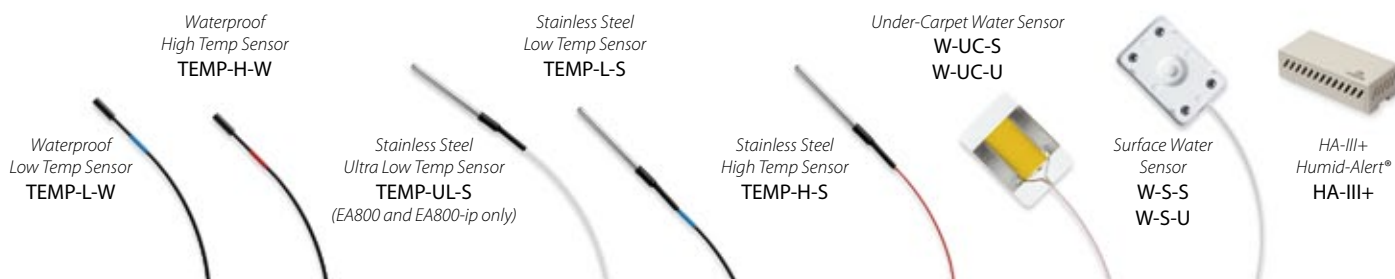| Remote Buzzer (BZ1) Auxiliary audio output for all Winland products.	
Power Requirements	12VDC @ 4.5mA, 24VDC @ 9mA
Sound Output	2800 Hz ±15% continuous
Sound Pressure Level	90dB @ 30cm @ 12VDC, 95dB @ 30cm @ 24VDC
Operating Range	-40 to 176°F (-40 to 80°C)
Dimensions	4.5 x 2.75 x 0.23" (11.43 x 6.99 x 0.58 cm)
Mounting	Standard 1-gang mounting box

BZ-1

EnviroAlert® Wired Sensors & Accessories	
TEMP-L-S	Low Temp Probe, Stainless Steel (Blue) -58 to 158°F (-50 to 70°C)
TEMP-H-S	High Temp Probe, Stainless Steel (Red) 32 to 302°F (0 to 150°C)
TEMP-L-W	Low Temp Probe, Waterproof (Blue) -58 to 158°F (-50 to 70°C)
TEMP-H-W	High Temp Probe, Waterproof (Red) 32 to 221°F (0 to 105°C)
TEMP-UL-S	Ultra-Low Temp Probe, Stainless Steel (White) -112 to 32°F (-80 to 0°C) ** EA800 and EA800-ip only **
TEMP-P-H	Temperature Probe Housing (fits Waterproof probes only)
EA-TBK	2 Piece Terminal Block Kit
12VDCT	12 VDC wall-mount power supply (500 mA max)

Probes and sensors may be extended up to 1,000' from EnviroAlert console using 22 AWG Twisted Pair wire.

EnviroAlert® EA-WMFS Accepted Sensors
TEMP-L-S
TEMP-H-S
TEMP-L-W
TEMP-H-W
TEMP-UL-S
W-S-S
W-UC-S
PS-110
N.O./N.C. Devices

Waterproof High Temp Sensor **TEMP-H-W**

Stainless Steel Low Temp Sensor **TEMP-L-S**

Under-Carpet Water Sensor **W-UC-S W-UC-U**

Waterproof Low Temp Sensor **TEMP-L-W**

Stainless Steel Ultra Low Temp Sensor **TEMP-UL-S** *(EA800 and EA800-ip only)*

Stainless Steel High Temp Sensor **TEMP-H-S**

Surface Water Sensor **W-S-S W-S-U**

HA-III+ Humid-Alert® **HA-III+**

WaterBug®	WB-200	WB-350	WB-800
Current Draw (Resting)	12, 24 VDC @ 35mA 12, 24 VAC @ 100mA	9VDC via alkaline battery @ 1.8 microamps	12, 24 VDC @ 75mA 12, 24 VAC @ 200mA
Current Draw (Alarm)	12, 24 VDC @ <35mA 12, 24 VAC @ <100mA	9VDC via alkaline battery @ 380 microamps	12, 24 VDC @ 125mA 12, 24 VAC @ 330mA
Sensitivity		Will not alarm due to high humidity or condensation.	
Battery Life	N/A	Up to 1 year (not included)	N/A
Operating Range		Console and probe 32 to 140°F (0 to 60°C)	
Output	1 Form C Relay (N.O./N.C.) 1 Amp @ 30 VDC, resistive 1 Amp @ 24 VAC, resistive	Open-collector output max to trip line: 30 VDC max to collector: 25mA	1 Form C Relay (N.O./N.C.) 1 Amp @ 30 VDC, resistive 1 Amp @ 24 VAC, resistive
Buzzer	N/A	Integrated (83 dB @ 30 cm @ 9VDC)	Audible alarm with silence feature (88 dB @ 10 cm @ 12VDC)
Sensors Included		1 Standard Unsupervised Surface Sensor (W-S-U)	4 Standard Supervised Surface Sensors (W-S-S)
Recommended Max Distance between Console and Probes		1-2 probes; max 200' (61 m) 3-6 probes; max 100' (30.5 m) per probe	500' (152.4 m) max
Recommended Max Probes per Console		6 (unsupervised only [W-S-U and W-UC-U])	8 supervised or 16 unsupervised
Probe Dimensions (surface)		2 x 3 x .88" (5.1 x 7.6 x 2.2 cm)	
Probe Dimensions (under carpet)		2 x 3 x .18" (5.1 x 7.6 x .5 cm)	
Console Weight	.35 oz (0.10 kg)	14 oz (0.40 kg)	1 lb (0.45 kg)
Console Dimensions	3.15 x 2.36 x 1.18" (80 x 60 x 30 mm)	5 x 2.44 x 1.25" (12.7 x 6.2 x 3.18 cm)	6.55 x 4.70 x 1" (16.6 x 11.9 x 2.5 cm)
Mounting	Mounting flanges	Key slot	Standard 3-gang box

WaterBug® Sensors		EA200	EA400	EA800	EA800-ip	EA-WMFS	WB200	WB350	WB800
W-S-S	Additional Supervised Surface Sensor	✓	✓	✓	✓	✓			✓
W-UC-S	Under Carpet Supervised Sensor	✓	✓	✓	✓	✓			✓
W-S-U	Additional Unsupervised Surface Sensor						✓	✓	✓
W-UC-U	Under Carpet Unsupervised Sensor						✓	✓	✓

Sensors may be extended to their recommended maximum distance (see above) from WaterBug consoles using 22 AWG Twisted Pair wire.

Products & Accessories Guide

Model Numbers	EnviroAlert® Products					WaterBug® Products			Vehicle Alert® Products	
	EA200-12	EA200-24	EA400-12	EA400-24	EA800 EA800-ip	WB-200	WB-350	WB-800	VAL-1 Console, Transformer & 100' Probe	VAL-C Console Only
SS High Temp Sensor Temp-H-S	✓	✓	✓	✓	✓					
SS Low Temp Sensor Temp-L-S	✓	✓	✓	✓	✓					
Waterproof High Temp Temp-H-W	✓	✓	✓	✓	✓					
Waterproof Low Temp Temp-L-W	✓	✓	✓	✓	✓					
Ultra Low Temp Sensor Temp-UL-S					✓					
Wireless Temp Sensor EA-WTS, EA-WHS, EA-WMFS					✓					
Humidity Sensor HA-III+	✓		✓		✓					
Standard Water Sensor W-S-U						✓	✓	✓		
Supervised Water Sensor W-S-S	✓	✓	✓	✓	✓			✓		
Standard Under Carpet Water Sensor W-UC-U						✓	✓	✓		
Supervised Under Carpet Water Sensor W-UC-S	✓	✓	✓	✓	✓			✓		
Probe Cable 10' VAP-10 100' VAP-100 200' VAP-200 350' VAP-350 500' VAP-500 1000' VAP-1000									✓	✓
VC-1000									✓	✓
Vehicle Alert Splice Kit VA-SK									✓	✓
120 VAC -to- 12 VDC (500 mA max) Power Supply 12VDCT	✓		✓		✓	✓		✓	✓	✓
Remote Buzzer BZ1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2 Piece Terminal Block Kit EA-TBK	✓	✓	✓	✓						

• Warranty on Winland products: 1 Year Limited

• Winland temperature, water presence and humidity probes can be extended using 22 AWG Twisted Pair wire.

• Vehicle Alert probe uses direct burial 22 AWG shielded twisted pair with ground wire.

WINLAND ELECTRONICS, INC.