
Security Portfolio of Products



EXPERTISE WITH HIGH PERFORMANCE

A wide range of solutions

Ecolink and UEI have extensive RF resources throughout the globe in support of the development of highly innovative and custom solutions.

Protocol agnostic for all applications:

Security Products

- 319.5 MHz, 345 MHz, 433 MHz
- Compatible with: Qolsys, Interlogix, GE, Honeywell, 2GIG and DSC

Home Automation

- Z-Wave, Zigbee



Our connected home solutions cover everything from thermostats and controllers to sensors and switches, as well as smart home hubs that tie it all together.

SIMPLE AND AFFORDABLE SOLUTIONS

Sub-1 GHz Products

Products are developed with strength in battery-operated wireless devices that are compatible products for 319.5 MHz, 345 MHz, 433 MHz protocols.

Our products have outstanding performance while being cost effective.



Because of the long range and low-power consumption, sub-GHz networking is particularly well suited to Internet of Things applications.

New Product Release

Q1 2023

	RFID Reader	Flood/Freeze with Rope Sensor	Personal Panic Button	Motion Sensor (PIR)
Sensor				
Features	<ul style="list-style-type: none">• Easy arming/disarming, simply press the Away/Stay button• Audible beep and the RFID reader blinks green to confirm the RFID tag has been read• Includes 2 pre-pared encrypted RFID tags with the option to pair up to a total of 10 Mifare DESFire Light tags• Powered by four replaceable AA batteries	<ul style="list-style-type: none">• Simple installation in high-risk areas: under sinks, toilets, hot water heaters, washing machines• Detects freeze risk and transmits alert• Detects water and transmits flood notification alert avoiding expensive repairs• Sensor Adapter /Mounting Bracket expands installation options• The Water Detection Rope sensor can be routed down the floor covering a larger detection area• Up to 10-year battery life	<ul style="list-style-type: none">• Wear it as a watch, on a lanyard or belt clip• Mount it under desk or on a wall• Supports up to three (3) different alerts or commands through button presses<ul style="list-style-type: none">• Single tap• Double tap• Press and hold• Personalize with compatible smartwatch wristbands• Up to 5-year battery life	<ul style="list-style-type: none">• High performing capture algorithm and Fresnel lens pattern.• Decor friendly, designed with smooth rounded front finish and hidden lens.• Mounts to room corners and flat walls• Indoor or outdoor, day or night• 40' X 40' coverage angle• Pet immunity up to 85 lbs.• Up to 5-year battery life
Compatibility 		   		

Motion Sensor



Wireless Pet Immune
Motion Sensor

Compatible Panels:

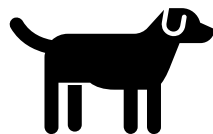


Honeywell



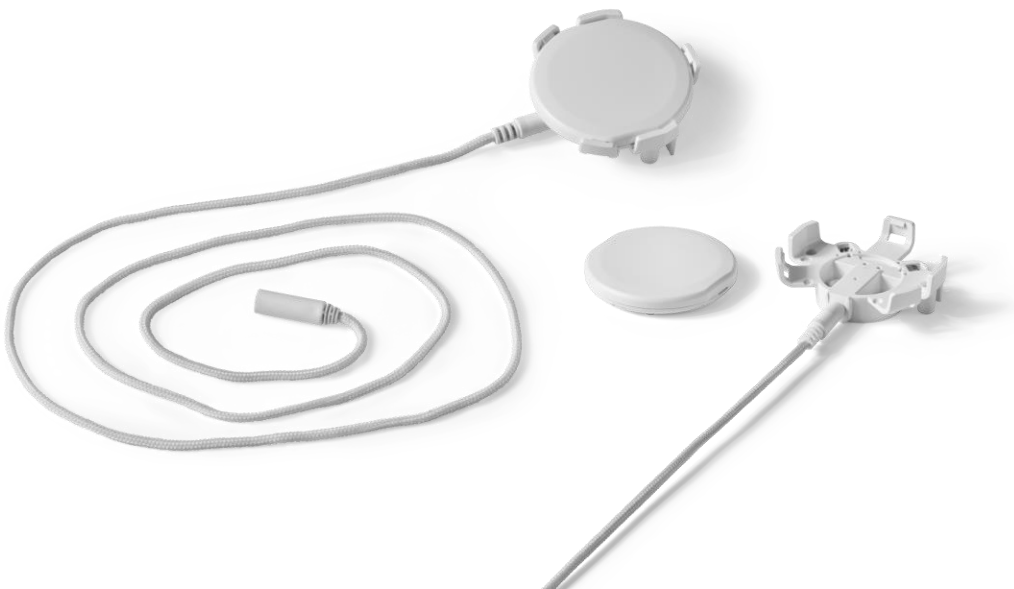
Introducing Ecolink's Newest Wireless PIR Motion Sensor

Our wireless PIR sensor for security was designed with the installer in mind. Our improved form factor motion detector offers an easy, out of the box experience to reduce install time. Features high performing capture algorithm and Fresnel lens pattern.



Pet Immune up to 85lbs.

Flood/Freeze



Compatible Panels:



Introducing Ecolink's Newest Flood/Freeze Sensor

Simply place the Ecolink Flood/Freeze sensor in high-risk areas, like under sinks, toilets or near the hot water tank. seconds of detecting water, the unit will transmit an alarm notifying the homeowner of a possible flood before it turns into an expensive repair.



Rope sensor acts as extension of the sensing probe in the leak detector

Panic Button



Compatible Panels:



Direct Line to Help

Portable, wearable, personal panic button designed to summon help in an emergency situation, who can then contact emergency dispatchers. Convenient wearable options, lanyard, belt clip or as a watch.



- One press alarm to dispatch help
- Supports up to three (3) different alerts or commands through button presses
 - Single tap
 - Double tap
 - Press and hold

RFID Reader



Compatible Panels:



Honeywell























Arming/Disarming an Alarm System Has Never Been Easier







Traditional security panels have numbered keypads which can be intimidating, confusing, and stressful to use. Instead of having to remember a code “Something you know,” why not arm and disarm a security system with a single button press, no tag scan needed, or with an RFID tag.



Reader to tag communication secured with
AES-128 encryption

	Motion	Door/Window	Contact	Smoke	Flood/Freeze	Temperature	Garage Tilt	Keyfob
345 MHz	 WST-742	 WST-232	 WST-222	 WST-602	 WST-612		 WST-402	 WST-102
Features	<p>Up to 5-year battery life</p> <p>Multiple mounting options</p> <p>Field-selectable sensitivity</p> <p>Pet immunity of up to 50lbs</p> <p>Light immunity of 2000 lux</p>	<p>Up to 5-year battery life</p> <p>White and Brown covers/plastics included</p> <p>External contact input supported</p>	<p>Up to 5-year battery life</p>	<p>Up to 5-year battery life</p> <p>Smoke Detector audio detection within 6" of device</p>	<p>Up to 10-year battery life</p> <p>Water detection at depth of 1/64" via built-in probes</p>	<p>Battery (2 x AAA) powered</p> <p>Indoor use</p> <p>Operating temperature: 0 – 49 degrees C</p>	<p>Up to 8-year battery life</p> <p>Detects the angle of a garage door to determines open & close status</p>	<p>Up to 5-year battery life</p> <p>Lock / Unlock / Home buttons</p> <p>Star button varies based on panel brand and/or configuration</p>
Compatibility	  							

	Motion	Door/Window	Contact	Smoke	Flood/Freeze	Garage Tilt	Keyfob
319 MHz	 TX-E721	 TX-E231	 TX-E221	 SLX-AD-T3	 TX-E611	 TX-E401	 TX-E111 / 101
Features	<p>Up to 5-year battery life</p> <p>Multiple mounting options</p> <p>Field-selectable sensitivity</p> <p>Pet immunity of up to 40lbs</p>	<p>Up to 8-year battery life</p> <p>White and Brown covers/plastics included</p>	<p>Up to 5-year battery life</p>	<p>Up to 4-year battery life</p> <p>Smoke Detector audio detection within 6" of device</p>	<p>Up to 10-year battery life</p> <p>Water detection at depth of 1/64" via built-in probes</p>	<p>Up to 8-year battery life</p> <p>Detects the angle of a garage door to determines open & close status</p>	<p>Up to 5-year battery life</p> <p>Lock / Unlock buttons</p> <p>Light / Star buttons vary based on panel brand and/or configuration (E101 only)</p>
Compatibility	 						

	Door/Window	Contact	Smoke	Garage Tilt	Keyfob
433 MHz	 WST-200	 WST-220	 WST-600	 WST-400	 WST-100
Features	Up to 8-year battery life White and Brown covers/plastics included	Up to 5-year battery life	Up to 4-year battery life Smoke & CO audio detection within 6" of device	Up to 8-year battery life Detects the angle of a garage door to determines open & close status	Up to 5-year battery life Lock / Unlock / Home / Panic buttons
Compatibility					

Zigbee Portfolio



COVERING HOME AUTOMATION NEEDS

Zigbee Solutions

Our sensors are Zigbee 3.0 certified and integrate with IoT solutions.











We offer a wide range of products that are compatible with major smart hubs, pro security and home automation brands.

Our home security systems pack the power of whole-home security into an affordable DIY package.

We have you covered from motion detection, thermostats, flood/freeze sensors and our one-of-a-kind Firefighter™.



Smart sensors and thermostats

	Motion	Door/Window	FireFighter™	Flood/Freeze	C02	Temp/ Humidity	Thermostat
Available / In Dev	 PIRZB1-ECO PIRZB2-ECO	 DWZB1-ECO	 FFZB1-ECO	 FLZB1-ECO	 COZB1-ECO	 THZB1-ECO	 TBH300
Features	<p>PIRZB2 to support Zigbee 3.1 & All-Hubs</p> <p>Up to 3-year battery life</p> <p>Multiple mounting options (corner or flat)</p> <p>Up to 19dBm output power</p> <p>Pet immunity up to 50 lbs.</p>	<p>Zigbee 3.0 Certified</p> <p>Up to 5-year battery life</p> <p>Up to 19dBm output power</p>	<p>Zigbee Home Automation Certified</p> <p>Up to 4-year battery life</p> <p>Smoke detector audio detection</p>	<p>Zigbee 3.0 Certified</p> <p>Up to 4-year battery life</p> <p>Water detection at depth of 1/64" via built-in probes</p>	<p>Zigbee 3.0 Certified</p> <p>Up to 2-year battery life</p> <p>CO2 concentration monitor</p> <p>200ppm to 5000ppm</p> <p>Multi region certification</p>	<p>Zigbee 3.1 and All-Hubs</p> <p>Up to 3-year battery life</p> <p>Up to 19dBm output power</p> <p>Temp Accuracy: ±.5°C Range: 0°C to 50°C</p>	<p>Zigbee3.0, ClearSky and Bluetooth</p> <p>Temperature and humidity sensors built-in</p> <p>24VAC, 5 Relays</p> <p>Virtual Agent support</p>
Compatibility	<div><div> Works with SmartThings</div><div></div><div></div></div>						

CO2 Sensor



Compatibility



Measure and Monitor Carbon Dioxide in Rooms

Room air monitoring is usually limited to humidity and temperature. Especially in times of a pandemic, measuring and monitoring CO2 is also very important. Correct ventilation in crowded rooms, will significantly reduce the risk of infections including the coronavirus.



Reader to tag communication secured with AES-128 encryption

Z-Wave Portfolio



INTELLIGENT TECHNOLOGY

Z-Wave Solutions

Our Z-Wave product portfolio offers sensors and thermostats that are Z-Wave Plus certified.

We provide many choices to suit your needs that are compatible with major smart hubs and gateways.

Our promise is to be reliable by design with optimized RF performance and low power usage resulting in low maintenance operation.



Smart sensors and thermostats

	Motion	Door/Window	Temp/Humid	FireFighter™	Flood/Freeze	Garage Tilt	Garage Controller	Thermostat
Available / In Dev	 PIRZWAVE2.5	 DWZWAVE2.5	 RTH100Z	 FFZWAVE2.5	 FLFZWAVE2.5-ECO	 TILTZWAVE2.5	 <u>GCZW7-ECO</u>	 TBZ500
Features	<p>Z-Wave Plus™</p> <p>Up to 1-year battery life</p> <p>Multiple mounting options</p> <p>Configurable pet immunity</p>	<p>Z-Wave Plus™</p> <p>Up to 3-year battery life</p> <p>White and brown covers/plastics included</p>	<p>Z-Wave Plus™</p> <p>Up to 1-year battery life</p> <p>Temp Accuracy: $\pm 1^{\circ}\text{F}$, Range: 0°C to 50°C</p> <p>RH Accuracy: $\pm 5\%$, Range 5 to 95%</p>	<p>Z-Wave Plus™</p> <p>Up to 5-year battery life</p> <p>Smoke and CO audio detection within 6" of device</p>	<p>Z-Wave Plus™</p> <p>Up to 5-year battery life</p> <p>Water and freeze detection via built-in external probes</p>	<p>Z-Wave Plus™</p> <p>Up to 5-year battery life</p> <p>Detects the angle of a garage door to determine open and close status</p>	<p>Z-Wave Long Range™</p> <p>Line powered 120 VAC 60 Hz, 0.08A Maximum US</p> <p>Provides up to 2200 feet line of sight between the wireless controller and the closest Z-Wave Long Range panel/hub</p> <p>Chamberlin Security+ compatibility</p>	<p>Z-Wave Plus™</p> <p>Temperature and humidity sensors built-in</p> <p>24VAC, 5 Relays</p> <p>Optional battery power</p> <p>Virtual Agent support</p>
Compatibility	    							

Long Range Garage Controller



Compatible Panels:



Ecolink Introduces First Certified Z-Wave® Long Range Product

Installing the controller to existing garage door operators provides 2200 feet line of site communications between the wireless controller and the paired Z-Wave long-range enabled panel or hub. Until Z-Wave Long-Range panels and hubs are available, the Garage Controller is also compatible with Z-Wave 300, 500 and 700 series panels. Includes Chamberlain Security+ compatibility.



Easy to install and connect via
SmartStart and S2 encryption



Ecolink's Smart Z-Wave Thermostat

- Updating to a TBZ500 smart Z-Wave thermostat is one of the easiest and most cost-effective upgrades dealers can make to increase a home's energy efficiency.
- Pro security dealers will appreciate how easy the TBZ500 smart Z-Wave thermostat is to pair to major security systems, remote management applications and smart hubs within the Z-Wave ecosystem.
- Homeowners will benefit from greater control of their energy usage and remote access to manage and monitor the home's temperature anytime, anywhere.

Compatible Panels:



New Product Concepts

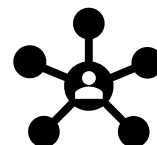
Six-Piece Security Kit



Compatible with the Ecolink
Ecosystem of Sensors

Introducing Ecolink's Home Security Kit

The Ecolink ClearSky Bridge connects to the internet router to self-monitor your home. Each of the devices (Contact Sensor, Motion, Chime + Siren and Key Fob) communicates with the Ecolink Bridge to send alerts to devices based off activity taking place within the system.



Simple to use, and NO ADDITIONAL
APPS, ACCOUNTS OR LOGINS
NEEDED

Thank you

Questions?

