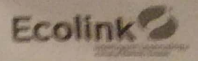


Z-Wave Plus Specific Information

Z-Wave Plus is a wireless mesh network and data protocol that allows devices from many different manufacturers to interoperate. This device implements Z-Wave Plus functionality, Network Wide Inclusion, and Explorer frames. This device is asleep most of the time but can respond to queries on a Wake Up Notification; however for test purposes, the device will stay awake while tampered for testing Z-Wave Plus command class functionality. The following information is intended for software engineers working on Z-Wave Plus controllers and home automation enthusiasts to integrate the Z-Wave Plus sensor into their system.

Device Classes	Generic Device Class	GENERIC_TYPE_SENSOR_NOTIFICATION
	Specific Device Class	SPECIFIC_TYPE_NOTIFICATION_SENSOR
Command Classes	COMMAND_CLASS_ZWAVEPLUS_INFO	v2
	COMMAND_CLASS_VERSION	v2
	COMMAND_CLASS_MANUFACTURER_SPECIFIC	v2
	COMMAND_CLASS_DEVICE_RESET_LOCALLY	v1
	COMMAND_CLASS_POWERLEVEL	v1
	COMMAND_CLASS_BATTERY	v1
	COMMAND_CLASS_NOTIFICATION_V5	v1
	COMMAND_CLASS_SENSOR_BINARY_V2	v5
	COMMAND_CLASS_ASSOCIATION	v2
	COMMAND_CLASS_ASSOCIATION_GRP_INFO	v2
	COMMAND_CLASS_WAKE_UP	v1
Manufacturer ID	MFG_ID_ECOLINK (0x014A)	
Product Type	0x05	
Product ID	0x0F	



Z-Wave Plus Command Class Notification

These notifications are sent unsolicited to the lifeline Association group.

Notification Type	Event	Cause
Water (0x05)	Water Detected (0x02)	Probe submerged in water
	Water No longer Detected (0x04)	Probe no longer submerged in water
Home Security (0x07)	Tampering, Product Cover Removed (0x03)	Case Tampered
	Event Inactive (0x00)	Case Restored to Closed Position
Power Management (0x08)	Replace Battery Soon (0x0A)	Battery is Getting Low
	Replace Battery Now (0x0B)	Battery Needs Replacing



Z-Wave Plus Command Class Sensor Binary

These notifications are sent unsolicited to the lifeline Association group.

Notification Type	Event	Cause
Water (0x06)	Water Detected (0xFF)	Probe submerged in water
	Water No longer Detected (0x00)	Probe no longer submerged in water
Freeze (0x07)	Freezing Temperature Detected (0xFF)	Temperature nearing Freeze Point
	Freeze no longer detected (0x00)	Temperature no longer near Freezing