

## Z-Wave Protocol Implementation Conformance Statement

### TBZ500 Thermostat

#### General Information

<b>Product Identifier:</b>	TBZ500
<b>Brand Name:</b>	Ecolink Intelligent Technology
<b>Product Version:</b>	HW: 4 FW: 6.08:03.00
<b>Z-Wave Certification #:</b>	ZC10-21047015

#### Product Features

<b>Battery Type</b>	AA
<b>Firmware Updatable</b>	Updatable by Consumer by RF
<b>Thermostat HVAC Systems Supported</b>	Cool Only Heat Only Heat Pump Multi Stage Single Stage
<b>Thermostat Modes</b>	Auto Auto Changeover Auxiliary/Emergency Heat Cool Fan Only Heat
<b>Thermostat Power Source</b>	Battery External Transformer Power Stealing (hard-wired 24V)
<b>Battery Quantity</b>	4

#### Z-Wave Product Information

Supports Z-Wave Beaming Technology?	Yes
Supports Z-Wave Network Security?	Yes
Supports Z-Wave AES-128 Security S0?	No

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(Continued)

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### Z-Wave Technical Information

<b>Z-Wave Frequency:</b>	U.S. / Canada / Mexico
<b>Z-Wave Product ID:</b>	0x5439
<b>Z-Wave Product Type:</b>	0x5442
<b>Z-Wave Hardware Platform:</b>	ZM5202
<b>Z-Wave Development Kit Version:</b>	6.82.00
<b>Z-Wave Library Type:</b>	Routing Slave
<b>Z-Wave Device Type / Role Type:</b>	Thermostat - HVAC / Always On Slave

### Association Group Information

**Group # / Max    Description**

**Nodes**

1 / 3	z-wave lifeline
2 / 5	A basic set of 0xFF is sent out when a cool call starts and 0x00 is sent when a cool call ends.
3 / 5	A basic set of 0xFF is sent out when a heat call starts and 0x00 is sent when a heat call ends.

**Supported Command Classes (22):**

Anti-Theft V2	Association Group Info
Association V2	Basic
Battery	Configuration V2
Device Reset Locally	Firmware Update Meta-Data V3
Manufacturer Specific V2	Multi-Command
Powerlevel	Security S2
Sensor Multilevel V5	Supervision
Thermostat Fan Mode	Thermostat Fan State
Thermostat Mode V3	Thermostat Operating State V2
Thermostat Setpoint V3	Transport Service V2
Version V2	Z-Wave Plus Info V2