



Z-Wave Protocol Implementation Conformance Statement

Heating Thermostat

General Information

| | |
|--------------------------------|-----------------|
| Product Identifier: | HE-HT01 |
| Brand Name: | HELTUN |
| Product Version: | HW: 12 FW: 2.01 |
| Z-Wave Certification #: | ZC12-19120023 |

Product Features

| | |
|------------------------------------------|----------------------------------------------------------------|
| Neutral Wire Required | Yes |
| Switch Load Capacity Current | 16A |
| Switch Load Capacity Watts | 4000 |
| Switch Type | Dry Contact |
| Thermostat HVAC Systems Supported | Heat Only |
| Thermostat Modes | Auto Changeover Away Dry Air Energy Save Heat Heat |
| Thermostat Power Source | Mains powered (120V/240V) Power Stealing (hard-wired 24V) |
| Firmware Updatable | Updatable by Consumer by RF |

Z-Wave Product Information

| | |
|--------------------------------------|-------------------------------------------|
| Supports Z-Wave Beaming Technology? | Yes |
| Supports Z-Wave Network Security? | Yes |
| Supports Z-Wave AES-128 Security S0? | Yes |
| Supports Security S2? | Yes: S2 Authenticated, S2 Unauthenticated |
| SmartStart Compatible? | Yes |

Z-Wave Protocol Implementation Conformance Statement

(Continued)

Heating Thermostat

Z-Wave Technical Information

| | |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Z-Wave Frequency: | Chile, Australia / New Zealand, Brazil, China, Hong Kong, India, Israel, Japan, Malaysia, Russia, Singapore, South Africa, South Korea, UAE, U.S. / Canada / Mexico, CEPT (Europe) |
| Z-Wave Product ID: | 0x0001 |
| Z-Wave Product Type: | 0x0004 |
| Z-Wave Hardware Platform: | ZGM130 |
| Z-Wave Development Kit Version: | 7.11.1 |
| Z-Wave Library Type: | Enhanced 232 Slave |
| Z-Wave Device Type / Role Type: | Thermostat - HVAC / Always On Slave |

Association Group Information

| Group # / Max | Description |
|---------------|-------------|
|---------------|-------------|

Nodes

| | |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 / 1 | This is the Lifeline Group 1 which sends status (lifeline) reports to the primary controller. |
| 2 / 1 | Group 2 – “Basic Set On/Off”: is assigned to the HE-HT01 operating state. It sends a Basic Set command with value 0 (Off) when it goes to IDLE state and sends 255 (ON) when it goes into HEATING state. |

Supported Command Classes (23):

| | |
|----------------------------|----------------------------------|
| Application Status | Association Group Information V3 |
| Association V2 | Basic V2 |
| Clock | Configuration V4 |
| Device Reset Locally | Firmware Update Meta-Data V5 |
| Indicator V3 | Manufacturer Specific V2 |
| Meter V4 | Multi-Channel Association V3 |
| Powerlevel | Security S0 |
| Security S2 | Sensor Multilevel V11 |
| Supervision | Thermostat Mode V3 |
| Thermostat Operating State | Thermostat Setpoint V3 |
| Transport Service V2 | Version V3 |
| Z-Wave Plus Info V2 | |