

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

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(Continued)

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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
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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	