

HELTUN™

IMPOSSIBLY SMART



Who Our Customers Are

Residential Market

Hospitality Industry

Automated Buildings

Multi-Dwelling Units

Why Z-Wave

- 1 Unified Communication**
All certified Z-Wave devices 'speak the same language', guaranteed compatibility
- 2 Top-Notch Security**
90% of security companies are using Z-Wave in the smart home market, it provides the same level of security that banks and governments require
- 3 Range**
70-90 meters indoors: lock your front door at night from the bed

- 4 No Interruptions**
Different wireless bandwidth (865-926 Mhz) than, Wi-Fi, and Bluetooth have (2.4 GHz): No speed issues no matter how busy the Wi-Fi is around your house
- 5 Two-Way Communication**
Z-Wave ensures a reliable communication by reconfirming every message: This makes Z-Wave networks very reliable and ensures devices don't miss a command
- 6 Low Energy**
The technology also requires very little power, allowing battery-powered devices like motion sensors to run on a single battery for years

Bringing extra value to our customers and distributors



Z-Wave Plus V2 700-series

Highest security S2 framework with AES 256 encryption for safe data transfer.

All our devices are certified by Z-Wave Alliance



Multi-frequency devices

We don't limit our distributors to certain markets; once you are our official distributor you are welcome to sell globally. The frequency straight from the menu.



Extra attention to design

We're not just aiming at making smart home and IoT available for everyone. We want any HELTUN product to feel like a premium experience: starting from unboxing and after ten years of use



Compatibility with all hubs

Aeotec, ComfortClick, Eedomus, Ezlo, Fibaro HC LITE, HC2, HC3, Jeedom, Home Assistant, Homey, Hubitat, RazBerry, SmartThings, Thinka, Zipato gateways and Z-Wave JS library...and counting!



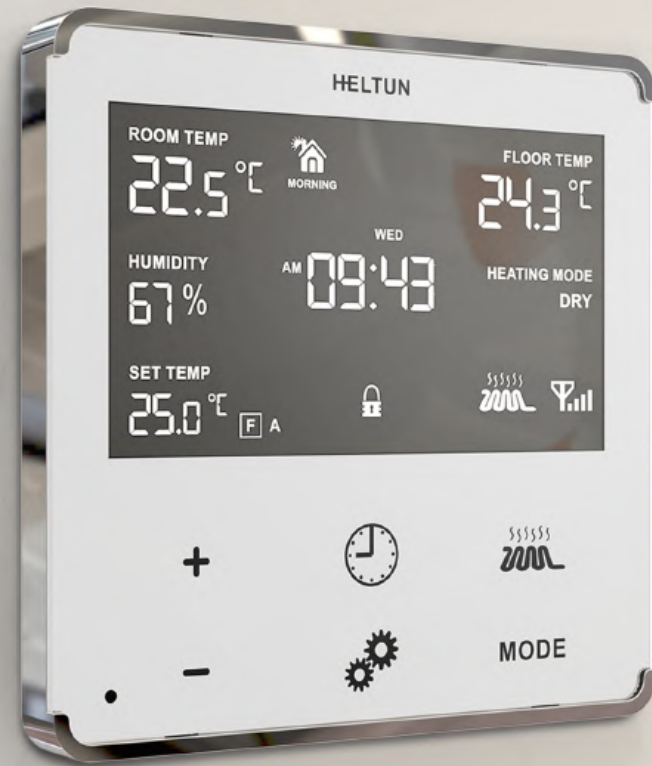
More features means more use cases

Our devices have features no other devices have, like a five-button touch panel, an embedded humidity sensor, or an ability to work from AC and DC inputs at the same time



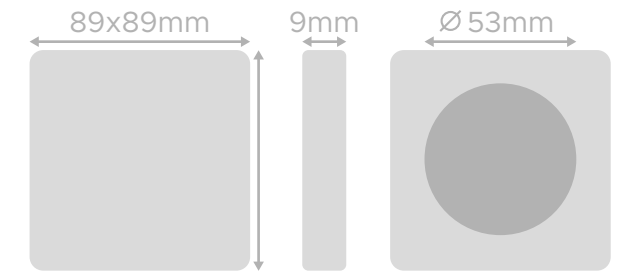
3-Year Warranty and Refund Policy

All purchases are backed by our 3-year warranty upon registering products on our website. We also offer return and full refund on our products within the first six months after purchase.



Heating Thermostat

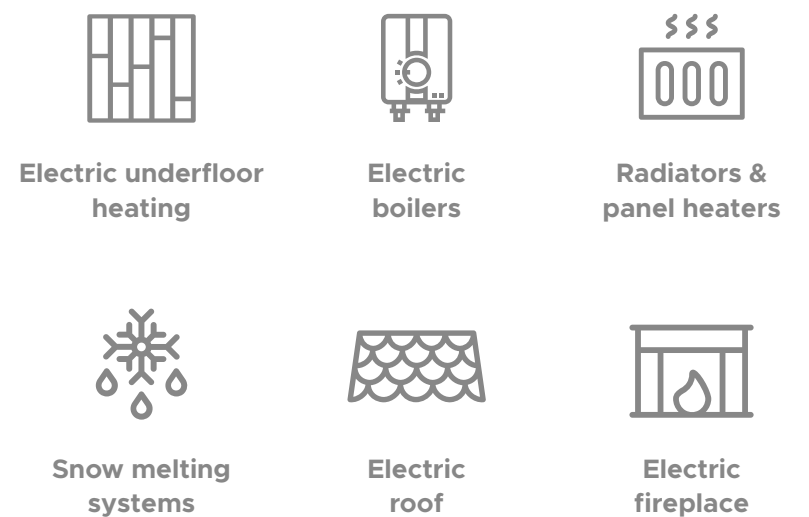
The most advanced programmable Z-wave thermostat with HELTUN advanced Zero-Cross technology & up to 16A load



Impossibly thin Impossibly smart

- Z-Wave 700-series
- Smart start & S2 security
- Thinnest: just 9 mm off the wall
- Built-in power consumption meter
- Advanced Zero-Cross

Take Control





HELTUN Heating Thermostat is a Z-Wave Plus v2 700-series thermostat for electric heating mainly applied to control electric underfloor heating, boilers, radiators and panel heaters, snow-melting systems, electric fireplaces.

The Heating Thermostat provides smart costs management: Intelligent comfort modes that maintain constant room temperature and allow for energy-saving scheduling

Know How Much Energy You Use

Real-time power consumption measurement: you can understand how much your heating system consumes both in real time and daily, weekly, and monthly.

The HELTUN built-in Power Consumption System precisely monitors how much energy you used during any particular day, week, or month. Do your current light switches do that?



Heating
Therm



Ambient Light Sensor



Humidity Sensor



Room Temperature Sensor

Built-In Sensors

Works with any hub

Homey

zipato

FIBARO

SmartThings

Hubitat

Aeotec

thinka

Vera

Eedomus

HomeSeer

RaZberry



Easy to install
at any type of junction box



Specifications

Front frame dimensions: 89x89x9mm

Back dimensions: 53x53x28mm

3 frame colors: Silver, Black, White

2 glass colors: White, Black (Yellow, Green, Red, Blue on request)

LCD: 72x42mm, black with white segments

6 sensitive capacitive touch buttons

Power supply: 24-265 VAC/VDC

Maximum resistive load: 16A

Relay life time: 100 000 switches

Z-Wave Frequency: All countries

Z-Wave SDK: V7.11.1

Z-Wave Plus module: ZGM130S

Features

Security levels: Non-Secure, S0, S2, S2 authenticated

Smart Start inclusion

6 operation modes with individual temperature set point

4 time schedule for morning, day, evening, and night

Choose a sensor for temperature regulation: NTC only, Room only, NTC + Room, Power Regulator (auto ON/OFF timer)

Built-in power consumption meter (hardware)

Embedded ambient light sensor

Embedded room temperature sensor

Embedded humidity sensor

NTC sensor is supplied with the device

Adjustable temperature hysteresis: 0.2°C - 10.0°C

Adjustable LCD brightness: Auto or Manual

Child lock

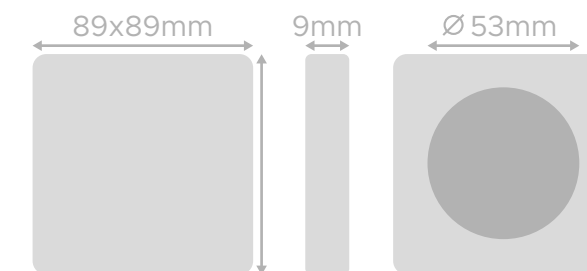
OTA firmware updates

Manual change of frequency



Fan Coil Thermostat

The only fan coil thermostat certified by Z-Wave Alliance: 2 independent dry contact inputs to control fan speed and heating/cooling valves



Impossibly thin impossibly smart

Z-Wave 700-series
Smart start & S2 security
Thinnest: just 9 mm off the wall
Connect AC and DC at the same time
Advanced Zero-Cross

Take Control



Fan coil units



Ceiling concealed



Ceiling cassette



Floor Convectors



HELTUN Fan Coil Thermostat is a Z-Wave Plus v2 700-series enabled device for indoor temperature control mainly applied to control fan coil 2-pipe or 4-pipe systems, as well as ceiling AC units and floor convectors.

In addition to the main use case of controlling fan coil units this Fan Coil Thermostat may be also used for mixed installations like cooling by fan coil unit & heating by electric heater.

Fan Coil Thermostat



Built-In Sensors

Works with any hub



Easy to install
at any type of junction box

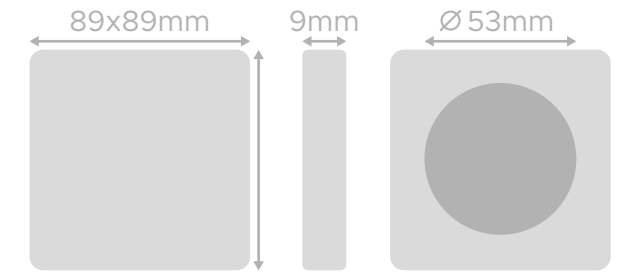


Specifications

- Front frame dimensions: 89x89x9mm
- Back dimensions: 53x53x28mm
- 3 frame colors: Silver, Black, White
- 2 glass colors: White, Black (Yellow, Green, Red, Blue on request)
- LCD: 72x42mm, black with white segments
- 6 sensitive capacitive touch buttons
- Power supply: 24-265 VAC/VDC
- 5 relays with a resistive load of up to 5A each:
 - 2 relays for cooling and heating valves
 - 3 relays for fan speed
- 2 independent relay inputs, dry contact type
- Relay life time: 100 000 switches
- Z-Wave Frequency: All countries
- Z-Wave SDK: V7.11.1
- Z-Wave Plus module: ZGM130S

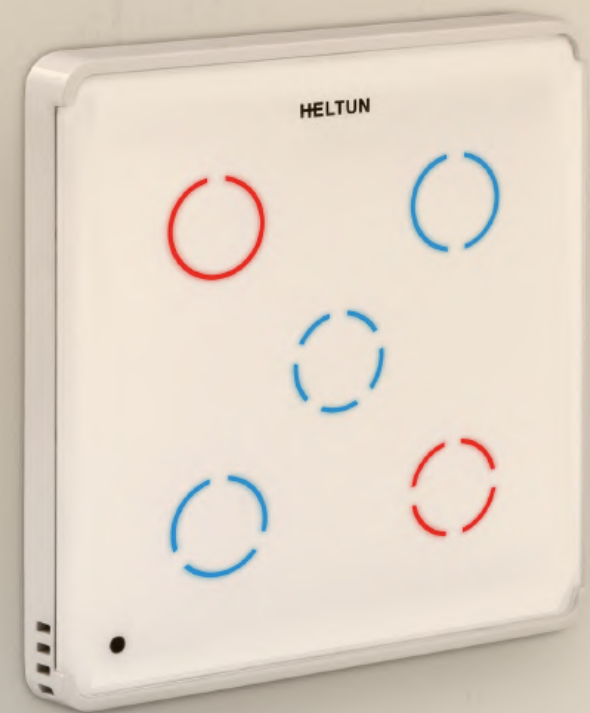
Features

- Security levels: Non-Secure, S0, S2, S2 authenticated
- Smart Start inclusion
- 3 operation modes with individual temperature set point
- 4 time schedule for morning, day, evening, and night
- 4 climate modes: Heating & Cooling, Heating Only, Cooling Only, Ventilation Only
- Software energy consumption meter logic
- Embedded ambient light sensor
- Embedded room temperature sensor
- Embedded humidity sensor
- Adjustable temperature hysteresis: 0.2°C - 10.0°C
- Adjustable LCD brightness: Auto or Manual
- Child lock
- OTA firmware updates
- Manual change of frequency



Impossibly thin Impossibly smart

Z-Wave 700-series
Smart start & S2 security
Thinnest: just 9 mm off the wall
Connect AC and DC at the same time
Advanced Zero-Cross



Touch Panel Switch

The only 5-relay Z-Wave touch panel on the market with up to 5A load for each channel and AC/DC devices connected at the same time

Take Control



Motorized curtains



Motorized blinds



Motorized doors



Motorized windows



Electronic locks



Electronic valves



Lights



Scene runner



HELTUN HE-TPS Advanced Programmable Touch Panel Switch brings "Impossibly Smart" capabilities to your home lighting, electric outlets, or motorized blinds, door locks, gates, and valves. It replaces an existing in-wall switch and brings over-the-Internet monitoring, control, and advanced programmability.

The Touch Panel is "Impossibly Thin" on the wall yet packed with features to provide the ultimate control and convenience.

Powerfully customizable

5 buttons: any button can control any output

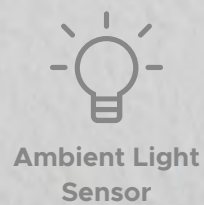
Red or blue color indicates state of controlled device

10 brightness levels: choose manually or use auto brightness (sunny/dark place)

Relay outputs can be controlled by a timer or embedded sensor (temperature, humidity, ambient light)

Each touch button can be configured to control any relay (from one and up to five) output state as follows: ON, OFF, Inverted, ON with timer, OFF with timer, ON when held, OFF when held

Modifications



Ambient Light Sensor



Humidity Sensor



Room Temperature Sensor

Built-In Sensors

Works with any hub

Homey

zipato

FIBARO

SmartThings

Hubitat

Aeotec

thinka

Vera

Eedomus

HomeSeer

RaZberry



Easy to install
at any type of junction box



Specifications

Front frame dimensions: 89x89x9mm

Back dimensions: 53x53x28mm

3 frame colors: Silver, Black, White

2 glass colors: White, Black (Yellow, Green, Red, Blue on request)

5 sensitive capacitive touch buttons

Red and Blue color LED back light for each button
10 adjustable brightness levels for each button backlight

Power supply: 24-265 VAC/VDC

5 relays with resistive load up to 5A each

2 independent relay inputs, dry contact type

Relay life time: 100 000 switches

Z-Wave Frequency: All countries

Z-Wave SDK: V7.11.1

Z-Wave Plus module: ZGM130S

Features

Security levels: Non-Secure, S0, S2, S2 authenticated

Smart Start inclusion

Independent control of each relay and LED

Each relay can be controlled by any touch button or via a Z-Wave network (Z-Wave controller)

Each touch button can be used to run scenarios

Each button backlight can be configured to indicate the state of relay output, touch button, associated device, mode of connected gateway

Embedded ambient light sensor

Embedded room temperature sensor

Embedded humidity sensor

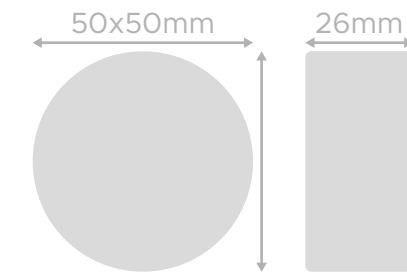
Software energy consumption meter logic

Adjustable LCD brightness: Auto or Manual

Child lock

OTA firmware updates

Manual change of frequency



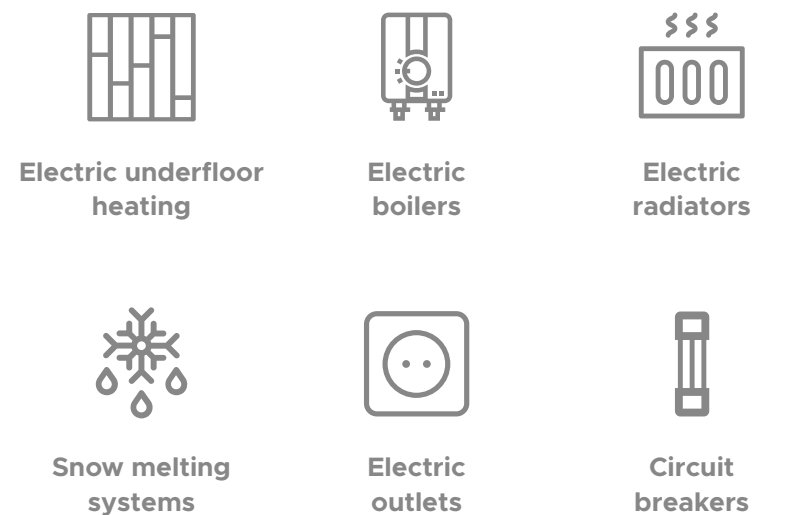
Z-Wave 700-series
 Smart start & S2 security
 Heating Thermostat and Binary Switch in one device
 Built-in power consumption meter
 Advanced Zero-Cross



High Load Switch

Two-in-one: Heating Thermostat and Binary Switch in a single device. Highest load on the market up to 16A and real time consumption measurement

Take Control





The HELTUN HE-HLS01 High Load Switch with Thermostat Functions is a binary switch and a heating thermostat in a single device. It brings incredible capabilities to any connected device: either underfloor heating, boilers or radiators if it is used as a thermostat, or groups of lights and electric outlets if it is installed as a switch.

The High Load Switch fits easily behind outlets or switches in standard electrical junction boxes—or in a circuit breaker panel—making them "Impossibly Smart" with over-the-Internet monitoring, control, and advanced programmability.

High Load Switch

Know How Much Energy You Use

Real-time power consumption measurement: you can understand how much your heating system consumes both in real time and daily, weekly, and monthly.

Make Your Circuit Breaker Panels Smart

High Load Switch is a perfect addition to your circuit breaker panel for monitoring and controlling groups of devices from the Internet through a Z-Wave gateway:

- Outlets connected to high load appliances
- Entire groups of electric outlets
- Entire groups of lights

Works with any hub

Homey

zipato

FIBARO

SmartThings

Hubitat

Aeotec

thinka

Vera

Eedomus

HomeSeer

RaZberry

Specifications

Dimensions: 50x50x26mm

Mounting: flush electrical junction box or DIN rail via optional adapter

Power supply: 24-265 VAC/VDC

Maximum resistive load: 16A, 4000W @ 250V

Relay life time: 100 000 switches

Z-Wave Frequency: All countries

Z-Wave SDK: V7.11.1

Z-Wave Plus module: ZGM130S

Features

Security levels: Non-Secure, S0, S2, S2 authenticated

Smart Start inclusion

6 operation modes with individual temperature set point

4 time schedule for morning, day, evening, and night

Safety Modes with Notification & Auto Shutoff:

- Overload (auto-shutoff on overload)
- Overheat (auto-shutoff on outlet over-temp)
- High Load Timeout (notification and auto-shutoff on high load timeout)

Built-in power consumption meter (hardware)

Embedded ambient light sensor

Embedded room temperature sensor

Embedded humidity sensor

NTC sensor is supplied with the device

Adjustable temperature hysteresis: 0.2°C - 10.0°C

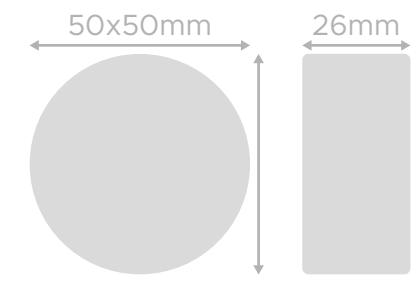
OTA firmware updates

Manual change of frequency



Easy to install
at any type of junction box
or circuit breaker panel





Z-Wave 700-series
 Smart start & S2 security
 Connect AC and DC at the same time
 Connect up to 5 devices
 Advanced Zero-Cross



Relay Switch

The only switch this size that controls up to 5 AC and DC devices, even simultaneously, and makes your 'dumb' sockets or switches smart

Take Control





HELTUN Relay Switch Quinto is a Z-Wave Plus v2 700-series relay switch with 5 outputs mainly applied to control lighting groups, wall plugs, multi-gang light switches, locks, valves, and motorized devices like gates, doors, windows, and curtains.

Make Your Switches and Sockets Smart

Main power input: any from 24 VDC to 265 VAC

5 relay outputs with 5A load each

2 independent inputs may be used to control AC devices like lights and DC devices like motorized valves from a single Relay Switch

6 pilot wire inputs, 1 main and 5 for each channel: control relays from up to 5 different external sources (switches)

Relay Switch

Works with any hub

Homey

zipato

FIBARO

SmartThings

Hubitat

Aeotec

thinka

Vera

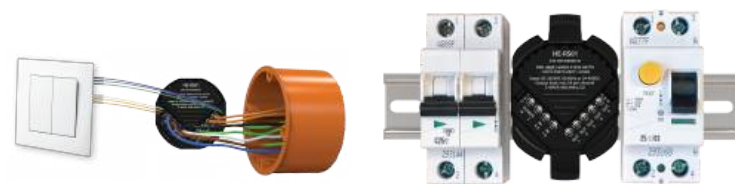
Eedomus

HomeSeer

RaZberry



Easy to install
at any type of junction box
or circuit breaker panel



Specifications

Dimensions: 50x50x27mm

Mounting: flush electrical junction box or DIN rail via optional adapter

Power supply: 24-265 VAC/VDC

5 relays with resistive load up to 5A each

2 independent relay inputs, dry contact type

One common (S) and five pilot wires (S1, S2, S3, S4, S5) for external control

Relay life time: 100 000 switches

Z-Wave Frequency: All countries

Z-Wave SDK: V7.11.1

Z-Wave Plus module: ZGM130S

Control up to

Five ON/OFF devices

Three ON/OFF devices, and one, two-direction motor

One ON/OFF device, and two, two-direction motors

Features

Security levels: Non-Secure, S0, S2, S2 authenticated

Smart Start inclusion

Independent control of each relay

Each relay output can be managed by Z-Wave gateway or associated device

Each of the five pilot wire inputs can control any relay output

Each pilot wire can trigger scenes

Seven modes for each relay output:

- Invert State (ON to OFF or OFF to ON)
- Momentary (ON when shorted, OFF when released)
- Momentary Reversed (OFF when shorted, ON when released)
- Switch ON Only
- Switch OFF Only
- Timer (ON then OFF after the specified time)
- Timer (OFF then ON after the specified time)

Software energy consumption meter logic

OTA firmware updates

Manual change of frequency

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HELTUNTM
IMPOSSIBLY SMART



Made in
ARMENIA