

HSK-250Z Z-Wave IR Control Station



Product Description

The HSK-250Z is a Z-Wave IR control station. As an IR repeater it receives RF commands and translates them into IR signals through internal IR transmitter or IR extension cable (HSK-10). As a scene controller it arranges scenarios for lighting, AV system, projector screen, window shades, thermostat, etc.

The HSK-250Z has built-in IR database for audio/video system. Also the HSK-250Z supports IR code learning for A/V and HVAC systems.

The HSK-250Z acts as a repeater in the Z-Wave mesh network. Functioning as a bridge for communication, it will automatically forward Z-Wave commands to their destinations if the originating controller is out of range from the destination node.

Features & Benefits

- Receives RF commands and transmits IR signals, either by internal IR transmitter, or IR emitter cable (HSK-10)
- Embedded with IR database for A/V system
- Supports IR code learning for A/V and HVAC systems
- RiteON™ technology which auto detects equipment on/off status by connecting with the power detector, so as to assign the exactly correct IR command pre-defined by scenario
- When acting as a host controller, arranges scenarios for lighting, AV system, projector screen, window shades, thermostat
- Supports Z-Wave 2-way mesh networking, RF range up to 30m indoor line-of-sight
- Easy to install and associate with the Z-Wave host controller or peripheral devices

Technical Specifications

Wireless Communication:

- Protocol Z-Wave 2-Way Mesh Networking
- Frequency 908.42MHz (US), 868.42MHz (Europe), 921.42 (Australia), 868.0 (HK)
- Range Up to 100ft Indoor Line of Sight, in Unobstructed Environment

Infrared:

- Frequency 32-500KHz, Compatible for All IR Equipment
- Internal IR Transmitter IR LEDs for 270° transmission, 5m range
- IR Extension Via HSK-10 IR Extension Cable
- External IR Blaster Via HSK-12 IR Blaster

Interfaces:

- Power 3.5mm Power Jack
- IR Extension Cable 3.5mm Mono Phone Jack
- IR Blaster 3.5mm Stereo Phone Jack

Environmental:

- Operational 0°C to 45°C
- Storage -20°C to 60°C
- Humidity 10% to 85% Non-Condensing
- Protection Degree Indoor

Button:

- Program button for Device Inclusion/Exclusion & Association

LED Indication:

- Power Device Power on/off Indication
- Status Device Status

Power:

- Power Supply 7.5-24V DC

System Requirements:

- Installed HomeScenario Scenario Gateway (e.g. HSC-48)

Dimensions & Weight:

- Product Size 98x71x27mm
- Product Weight 250g

Certifications:

- CE, FCC, Z-Wave

Available Colors:

- White

Ordering Information

HSK-250Z-US	Z-Wave IR Control Station (US Version 908.42MHz)
HSK-250Z-EU	Z-Wave IR Control Station (EU Version 868.42MHz)
HSK-250Z-AU	Z-Wave IR Control Station (Australia Version 921.42MHz)
HSK-250Z-HK	Z-Wave IR Control Station (HK Version 868.0MHz)

About HomeScenario

HomeScenario, Inc. offers cloud-enabled solutions for Alarm & Access Control, IP Intercom, Video Surveillance, Home Automation, Audio/Video, and Energy Management. Integrating technologies of wireless control and broadband networking, the HomeScenario solutions make comfort, convenience, safety, security, and eco-friendliness available without the need of extensive and costly remodeling. Our products are designed to work seamlessly with systems such as lighting, thermostat, door access, window shades, security monitoring, audio/video, and more. All of them can be controlled easily through remote, touch screen, PC, or smart phone.

Please visit www.homescenario.com for more product information.