



HSK-250Z

Z-Wave IR Control Station



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.



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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

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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
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)	

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Technical Specifications

Dimensions & Weight:	
Product Size	98x71x27mm
Product Weight	250g
Certifications:	
CE, FCC, Z-Wave	
Available Colors:	
White	




*(**Product specifications subject to change without notice.)*

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 IP & Analog Intercom, Alarm & Access Control, 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, sensor alarm, thermostat, door access, window shades, security monitoring, home theater, and more. With power features and flexible architecture, HomeScenario solutions can fit various requirements of apartment, villa, hotel, dormitory, office, and commercial building.

-  +886-2-8512-1864
-  +886-2-8512-4885
-  sales@homescenario.com



www.homescenario.com