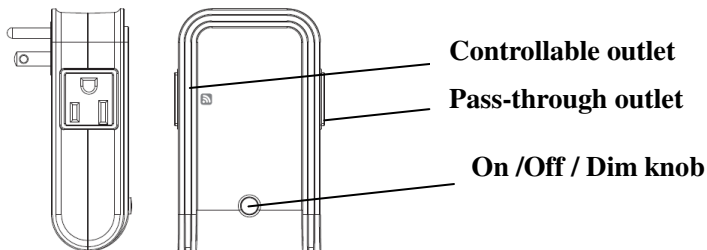# AD126 LAMP MODULE

This plug-in Lamp Module is a transceiver which is a Z-Wave™ enabled device and is fully compatible with any Z-Wave™ enabled network. Z-Wave™ enabled devices displaying the Z-Wave™ logo can also be used with it regardless of the manufacturer, and ours can also be used in other manufacturer's Z-Wave™ enabled networks. Inclusion of the Lamp module on other manufacturer's Wireless Controller menu allows remote On/Off control and dimming of lamps connected. Each module is designed to act as a repeater. Repeaters will re-transmit the RF signal to ensure that the signal is received by its intended destination by routing the signal around obstacles and radio dead spots.

Adding to Z-Wave™ Network

In the front casing, there is an On/Off/Dim knob which is used to carry out inclusion, exclusion or association. Put a Z-Wave™ Wireless Controller into inclusion/exclusion mode, press the knob on the Module to complete the inclusion/exclusion process.

Controllable outlet

Pass-through outlet

On /Off / Dim knob

Installation

1. Plug this Lamp module into a wall outlet near the lamp to be controlled.

2. Plug the lamp into the Lamp Module. There are two outlets at different sides of AD126. The lamp plugged into the controllable outlet can be controlled by the On/Off/Dim knob and remote controller, its maximum load is 300 watts. The other side acts as a pass-through outlet which is non-controlled by the On/Off/Dim knob and remote controller.

3. Make sure the total load of both outlets cannot exceed 1500 watts which means if the load of controllable outlet is changed; the other pass-through will be altered accordingly. For instance, if the load of controllable outlet is about 300 watts, the other should be 1200 watts. When the load of controllable outlet consumes as 0 watts, the other will be 1500 watts.

4. Turn the knob or switch on the lamp to the ON position.

5. To manually turn ON the AD126 Lamp Module, press and release the On/Off/Dim knob. The red indicator LED will turn ON, and the lamp plugged into the AD126 Lamp Module will also turn ON.

6. To manually turn OFF the AD126 Lamp Module, simply press and release the On/Off/Dim knob. The red indicator LED will turn OFF and the lamp plugged into the AD126 Lamp Module will also turn OFF.

7. To manually dim the AD126 Lamp Module, press and hold the On/Off/Dim knob until the desired lighting level has been reached.

Note: Dimming an inductive load, such as a motor or a transformer, could impair the dimmer and load attached as well.

Programming

The On/Off/Dim knob allows the user
-   Turn on, off or dim the lamp attached
-   Include or exclude the module from the Z-Wave™ system
-   Control other Z-Wave™ enabled devices

Advanced Operation

As long as any Z-Wave™ enabled device that can send below mentioned alarm command

(ALARM_REPORT, Alarm Type == 0x01, Alarm Level == 0x11)

to the AD126 Lamp Module will enable its red indicator LED and the load plugged into the AD126 Lamp Module to be on and off intermittently for 10 seconds simultaneously.

Troubleshooting

Symptom	Cause of Failure	Recommendation
The Module not working and LED off	1. The Module is not plugged into the	1. Check power connections 2. Don't open up the Module and

	electrical outlet properly 2. The Module break down	send it for repair.
The Module LED illuminating, but cannot control the ON/OFF Switch of the lamp attached	Check if the lamp plugged into the Module has burned out	Replace a new lamp
The Module LED illuminating, but the Detector cannot control the Module	1. Not carry out association 2. Frequency interference	1. Carry out association 2. Wait for a while to re-try

Specification

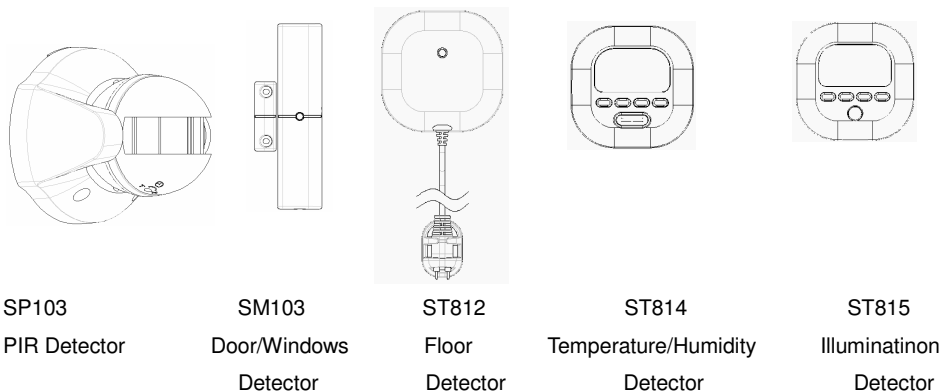| Operating Voltage	120V/60Hz
Maximum Load	300W, for incandescent lamps only
Minimum Load	25W, for incandescent lamps only
Range	Minimum 100 feet line of sight
Frequency Range	908.42 MHz

** Specifications are subject to change and improvement without notice.　　　　A501111257R

Compatible Devices

The Everspring AD126 Lamp module is fully Z-Wave™ device compatible. Homeowners with existing Z-Wave™ devices can easily add this device or more in to complete a safety network firmly. The following Everspring devices are compatible with AD126 Lamp module.

The following modules (sold separately) can be compatible with this device:

SP103	SM103	ST812	ST814	ST815
PIR Detector	Door/Windows Detector	Floor Detector	Temperature/Humidity Detector	Illuminatinon Detector

I**MPORTANT! To ensure better compatibility, only purchase Everspring or other manufactures' Z-Wave™ Enabled devices .**

Mobile of end product

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.