

Overview

This device is a security enabled Z-Wave Plus product that is able to use encrypted Z-Wave Plus messages to communicate to other security enabled Z-Wave Plus products.

This device must be used in conjunction with a Security Enabled Z-Wave Controller in order to fully utilize all implemented functions.

Learn Mode

To add UVA01A into Z-Wave network or to remove it from Z-Wave network, UVA01A should be put into learn mode after Z-Wave controller is put into “Add(Inclusion)” or “Remove(Exclusion)” mode.

(Refer to corresponding manual to learn how to put the Z-Wave controller into Add/Remove mode.)

UVA01A is entering Z-Wave “Learn Mode” by following steps

1. Open battery cover
2. Press and hold the button there
3. LED is turned on after 5 seconds
4. Release the button when the LED is turned on

Using devices from multiple manufacturers in one network

This product can be operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers. All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network.

Association Group

UVA01A supports one Association group of Group identifier 1 and five devices can be associated with this group.

“Device Reset Locally”, “Central Scene”, “Battery” reports are sent to these associated devices.

Factory Default Reset

UVA01A can be reset to its factory default settings by following steps. However, please use this procedure only when the network primary controller is missing or otherwise inoperable.

1. Open battery cover.
2. Press and hold the button there
3. LED is turned on after 5 seconds. Keep holding.
4. LED starts blinking after 10 seconds.
5. Release the button when the LED blinks

S2 Security

Following CCs are supported securely and/or non-securely.

Command Class	Version	Required Security Class
COMMAND_CLASS_ZWAVEPLUS_INFO	2	None
COMMAND_CLASS_TRANSPORT_SERVICE	2	None
COMMAND_CLASS_ASSOCIATION	2	Highest granted Security Class
COMMAND_CLASS_ASSOCIATION_GRP_INFO	1	Highest granted Security Class
COMMAND_CLASS_VERSION	2	None
COMMAND_CLASS_MANUFACTURER_SPECIFIC	2	None
COMMAND_CLASS_DEVICE_RESET_LOCALLY	1	None
COMMAND_CLASS_POWERLEVEL	1	Highest granted Security Class
COMMAND_CLASS_BATTERY	1	None
COMMAND_CLASS_SECURITY	1	None
COMMAND_CLASS_SECURITY_2	2	None
COMMAND_CLASS_WAKE_UP	2	Highest granted Security Class

COMMAND_CLASS_SUPERVISION	1	Highest granted Security Class
COMMAND_CLASS_CENTRAL_SCENE	3	Highest granted Security Class
COMMAND_CLASS_FIRMWARE_UPDATE_MD	4	None

<https://docs.google.com/document/d/1Cvo0GZvegajSQW1WAtYNdbS6eo5Utj9eJmH8FW6kDTU/edit?usp=sharing>