MBHA10 Gateway

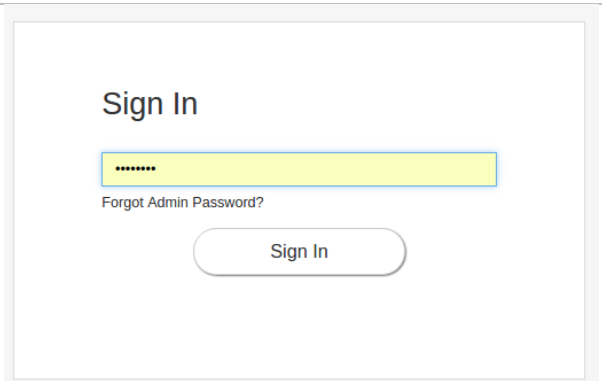
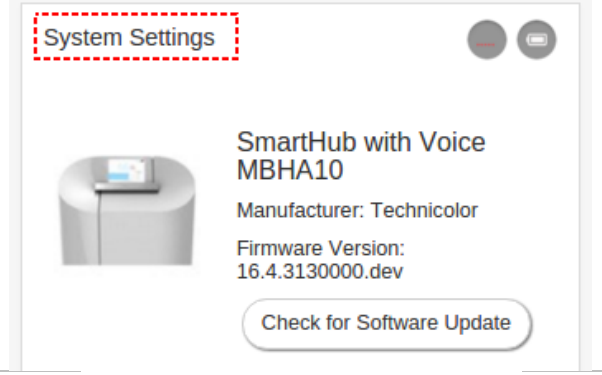
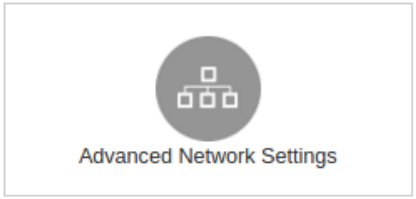
Z-Wave manual

General z-wave information

Z-Wave plus device type	Central controller
Z-Wave plus role type	Central static controller
Supported command classes	COMMAND_CLASS_ZWAVEPLUS_INFO COMMAND_CLASS_APPLICATION_STATUS COMMAND_CLASS_ASSOCIATION COMMAND_CLASS_ASSOCIATION_GRP_INFO COMMAND_CLASS_CRC_16_ENCAP COMMAND_CLASS_DEVICE_RESET_LOCALLY COMMAND_CLASS_MULTI_CMD COMMAND_CLASS_MANUFACTURER_SPECIFIC COMMAND_CLASS_POWERLEVEL COMMAND_CLASS_SECURITY COMMAND_CLASS_VERSION
Supported association groups	GROUP ID: 1 – Lifeline MAX NODES IN GROUP: 1
Basic command class handling	This product will in some cases try to interpret BASIC_SET received from devices and perform the appropriate action (Eg. a basic set 0xFF or 0x0 received from a binary sensor might be interpreted be interpreted as a change of sensor state). Unsupported devices can be controlled with the BASIC_SET command by sending 0x0 and 0xFF values to the unsupported device.
Other information	• This product can be included and operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers and/or other applications. All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network. • This product is a security enabled Z-Wave product that is able to use encrypted Z-Wave messages to communicate to other security enabled Z-Wave products.

Z-Wave network management

Z-Wave network management is operated from the "Advanced Network system" page in the gateway's web UI.
In order to access this page, connect to the web UI using you browser, and follow these steps:

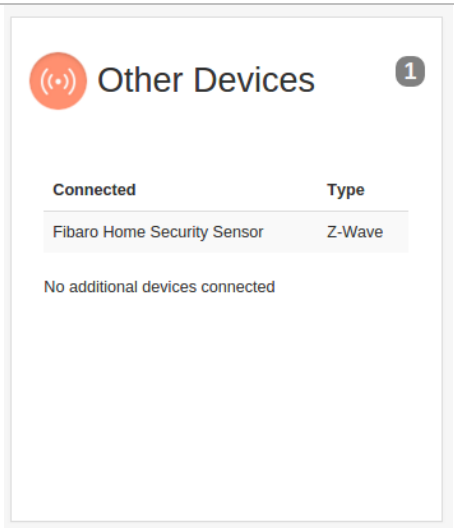
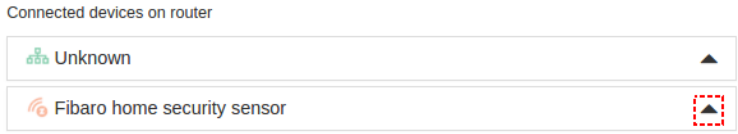
Browse to 192.168.1.1 • Login in using default password located on label on the inside lid of the battery compartment on the bottom of the gateway • On first login, setup security questions to reset the password.	
Click on "System Settings"	
In the "System Settings" page, click on "Advanced Network Settings"	

Network management operations

Add a Z-Wave device	Add a Z-Wave device to the current Z-Wave network Devices added with the device manager will be configured in the following way and in the following order: • Z-Wave inclusion • Z-Wave secure inclusion, if the device being added supports the Security command class • Configuration/interview of certain command classes that are supported by the device being included • Return routes assignment to primary controller • To copy network data to another controller click the DISCOVER button and put the other controller in learn mode. This is typically done to transfer information about newly joined devices to other controllers.	
Remove a Z-Wave device	Remove a Z-Wave device from the current Z-Wave network	
Controller learn-mode	Controller learn mode is used to perform the following actions: • Add controller to another Z-Wave network • Remove controller from its current Z-Wave network • Transfer SIS role from current primary controller to this controller. • Receive network information from primary controller, if controller is an inclusion or secondary controller in the current Z-Wave network	
Hard reset	Please use this procedure only when the network primary controller is missing or otherwise inoperable. Reset Z-Wave module to default settings. This will effectively delete the current Z-Wave network and create a new one. All your devices will be deleted and it will be necessary to remove them prior to adding them to	

	another Z-Wave network.	

Z-Wave Device management

The device management is located in the "connection" page. In the main page of the gateway's web UI, click on "Other Devices"	
In the devices list, in order to view the selected device's information, click on the expand button.	

Device management

Configure device	This function is used to change device specific parameters. A description of these parameters can be found in the manual of your Z-Wave device.	
Remove/Replace failed node	• REPLACE This function is used to replace a failed node in your Z-Wave network. When you replace a failed node A with a new node B, node B will get the node id of the replaced node. This also means that all the routing information of the replaced node A will be assigned to the new node B. • REMOVE This function will completely remove a failed node from the current Z-Wave network. A failed node is a Z-Wave device that no longer sends reports or responds to commands. Please note that you cannot remove a device that still responds to commands with this function.