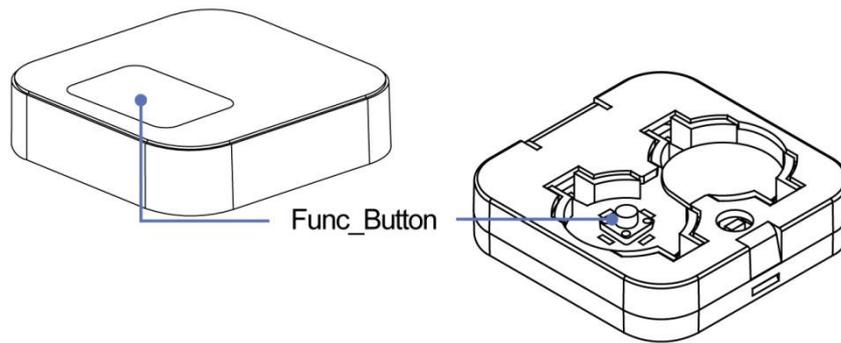


SHP-TB100Z

Z-Wave Device

Guide Document



Device Inclusion

- Click [Add] icon in Z-Wave PC Controller Program
- Press a Func_Button 1 time in SHP-TB100Z (Smart Button)
- If Inclusion Process is successful, LED is Blinking 3 times in SHP-TB100Z

Device Exclusion

- Click [Remove] icon in Z-Wave PC Controller Program
- Press a Func_Button 3 times quickly in SHP-TB100Z
- If Exclusion Process is successful, LED is Blinking 5 times in SHP-TB100Z

Device Factory Reset

- Please use this procedure only in the event that the network primary controller is missing or otherwise inoperable."
- Press a Func_Button for 10 seconds in SHP-TB100Z
- If Factory Reset Process is successful, LED is Blinking 1 time in SHP-TB100Z

- **Device Reset Locally notification** is Transmitted

Association & Association Group Information

- Lifeline between controller and SHP-TB100Z
- Supported command classes
: Battery report, Notification report, and Device Reset Locally notification
- Maximum supported nodes are 5

Notification Report

- When you press a Func_Button 1 time in SHP-TB100Z,
Notification Report is transmitted

Notification Type	Event
Home Security (0x07)	Motion Detection, Unknown Location (0x08)

Battery Report

- **Battery Report** is transmitted when the power is turned on
- **Battery Report** is transmitted once a day
- **Battery Report** is transmitted when a battery falls less than 10%
-

Battery Voltage	Battery Level
2.4V ~ 3.0V	10 ~ 100 (%)

Under 2.4V	0xFF
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Wake up Notification

- **Wake up Notification** is transmitted every 30 minutes by default.
- **Wake up Notification** is transmitted after **Notification Report** is transmitted

Devices from multiple manufacturers in one network

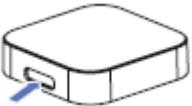
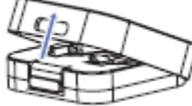
- This product can be included and operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers and/or other applications. All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network.

Z-Wave Specifications

- Device Type : Sensor - Notification
- Role Type : RSS (Reporting Sleeping Slave)
- Command Class Support/Control
 - ✓ Z-Wave plus info
 - ✓ Version

- ✓ Manufacture Specific
- ✓ Notification
- ✓ Device Reset Locally
- ✓ Association Group Information
- ✓ Association
- ✓ Battery
- ✓ Wake Up
- ✓ Power Level
- ✓ Firmware update meta data

How to replace the batteries

	<p>Press the button on the side of the product</p>
	<p>Open the covers of the product</p>
	<p>Insert the battery on the product</p>
	<p>Close the covers of the product</p>

Technical Specifications

Model No.	SHP-TB100Z
RF frequency	920.9 / 921.7 / 923.1MHz
RF operating distance	Up to 100m outdoor line of sight Up to 40m indoor
Powered by	CR2032 x 1EA
Temperature	0°C ~ 45°C
Humidity	80% max
Weight	20g (without batteries)