Z-Wave Protocol Implementation Conformance Statement

Flood & Temperature Sensor

General Information

Product Identifier:	FTS05P
Brand Name:	FortrezZ LLC
Product Version:	HW: 5 FW: 2.10
Z-Wave Certification #:	ZC10-17065641

Product Features

Firmware Updatable	Updatable by Consumer by RF
Supported Notification Types	Heat Alarm
	Power Management
	System
	Water Alarm
Battery Type	AA alkaline
Battery Quantity	2
Sensors	Air Temperature
	Freeze
	Humidity
	Moisture
	Soil Temperature
	Water Temperature
Color	Black

Z-Wave Product Information

Supports Z-Wave Beaming Technology?	No
Supports Z-Wave Network Security?	Yes
Supports Z-Wave AES-128 Security S0?	Yes
Supports Security S2?	No
SmartStart Compatible?	No

Z-Wave Technical Information

Z-Wave Frequency:	U.S. / Canada / Mexico
Z-Wave Product ID:	0x020A
Z-Wave Product Type:	0x00A3
Z-Wave Hardware Platform:	ZM5202
Z-Wave Development Kit Version:	6.51.09
Z-Wave Library Type:	Enhanced 232 Slave
Z-Wave Device Type / Role Type:	Notification Sensor / Reporting Sleeping Slave

Association Group Information

Group # / Max Nodes	Description
1 / 2	Z-Wave Plus Lifeline • Device Reset Locally (via 3 quick presses of the program switch) • Battery Report (when calculated battery life percentage changes) • Notifications o Water (Type 5; Event Waterleak_Detected) o Heat (Type 4; Event Underheat_Detected) o Heat (Type 4; Event Underheat_Detected) Power (Type 8; Events Power_Applied, Replace_Soon, Replace_Now)
2 / 2	Basic Set Command ON (default, 0xFF) or OFF (0x00) is sent to the associated nodes to indicate that a Water Alarm is active. This depends on the parameter 4 configuration value. When the water alarm is cleared, one additional report with the opposite value is sent.
3 / 2	Basic Set Command with value = 0xFF is sent to the associated nodes to indicate that a Temperature High condition has been detected. When the temperature is back in the normal range, one additional report with value = 0x00 is sent.
4 / 2	Basic Set Command with value = 0xFF is sent to the associated nodes to indicate that a Temperature Low condition has been detected. When the temperature is back in the normal range, one additional report with value = 0x00 is sent.
5 / 2	Temperature report (Multilevel Sensor) when the temperature has changed (with filtering/hysteresis to avoid continuous transmissions at a transition point).
6 / 2	Temperature report (Multilevel Sensor) every 5 minutes
7 / 2	Temperature report (Multilevel Sensor) every 20 minutes
8 / 2	Temperature report (Multilevel Sensor) every 60 minutes

Supported Command Classes (14):

Association Group Info	Association V2
Battery	Configuration
Device Reset Locally	Firmware Update Meta-Data V2
Manufacturer Specific V2	Notification V4
Powerlevel	Security S0
Sensor Multilevel V9	Version V2
Wake Up V2	Z-Wave Plus Info V2

Controlled Command Classes (1):

Basic