# Monoprice Smoke Detector - Network Messages

## Holding Test Button

### Button Initially Held:

These two events repeat while the button is held down.

**Smoke Detector description:** zw device: 09, command: 7105, payload: 01 FF 00 FF 01 02 00 00

**Smoke Detector CMD:** AlarmReport(alarmLevel: 255, alarmType: 1, eventParameter: [], numberOfEventParameters: 0, zensorNetSourceNodeId: 0, zwaveAlarmEvent: 2, zwaveAlarmStatus: 255, zwaveAlarmType: 1)

**Smoke Detector CMD properties:** [commandClassId:113, ZWAVE\_ALARM\_TYPE\_ACCESS\_CONTROL:6, ZWAVE\_ALARM\_TYPE\_EMERGENCY:10, ZWAVE\_ALARM\_TYPE\_RESERVED0:0, ZWAVE\_ALARM\_TYPE\_FIRST:255, ZWAVE\_ALARM\_TYPE\_SMOKE:1, ZWAVE\_ALARM\_TYPE\_HEAT:4, zwaveAlarmEvent:2, numberOfEventParameters:0, ZWAVE\_ALARM\_TYPE\_BURGLAR:7, ZWAVE\_ALARM\_TYPE\_CLOCK:11, zwaveAlarmStatus:255, alarmLevel:255, eventParameter:[], ZWAVE\_ALARM\_TYPE\_WATER:5, payload:[1, 255, 0, 255, 1, 2, 0], ZWAVE\_ALARM\_TYPE\_CO2:3, zensorNetSourceNodeId:0, commandId:5, class:class physicalgraph.zwave.commands.alarmv2.AlarmReport, ZWAVE\_ALARM\_TYPE\_CO:2, ZWAVE\_ALARM\_TYPE\_SYSTEM:9, zwaveAlarmType:1, ZWAVE\_ALARM\_TYPE\_POWER\_MANAGEMENT:8, alarmType:1, CMD:7105]

**Smoke Detector description:** zw device: 09, command: 2001, payload: FF

**Smoke Detector CMD:** BasicSet(value: 255)

**Smoke Detector CMD properties**: [commandClassId:32, value:255, commandId:1, class:class physicalgraph.zwave.commands.basicv1.BasicSet, CMD:2001, payload:[255]]

### Button Let Go:

The following three commands happen once the test button is let go.

**Smoke Detector description:** zw device: 09, command: 2001, payload: 00

**Smoke Detector CMD:** BasicSet(value: 0)

**Smoke Detector CMD properties:** [commandClassId:32, value:0, commandId:1, class:class physicalgraph.zwave.commands.basicv1.BasicSet, CMD:2001, payload:[0]]

**Smoke Detector description:** zw device: 09, command: 7105, payload: 01 00 00 FF 01 02 00 00

**Smoke Detector CMD:** AlarmReport(alarmLevel: 0, alarmType: 1, eventParameter: [], numberOfEventParameters: 0, zensorNetSourceNodeId: 0, zwaveAlarmEvent: 2, zwaveAlarmStatus: 255, zwaveAlarmType: 1)

**Smoke Detector CMD properties:** [commandClassId:113, ZWAVE\_ALARM\_TYPE\_ACCESS\_CONTROL:6, ZWAVE\_ALARM\_TYPE\_EMERGENCY:10, ZWAVE\_ALARM\_TYPE\_RESERVED0:0, ZWAVE\_ALARM\_TYPE\_FIRST:255, ZWAVE\_ALARM\_TYPE\_SMOKE:1, ZWAVE\_ALARM\_TYPE\_HEAT:4, zwaveAlarmEvent:2, numberOfEventParameters:0, ZWAVE\_ALARM\_TYPE\_BURGLAR:7, ZWAVE\_ALARM\_TYPE\_CLOCK:11, zwaveAlarmStatus:255, alarmLevel:0, eventParameter:[], ZWAVE\_ALARM\_TYPE\_WATER:5, payload:[1, 0, 0, 255, 1, 2, 0], ZWAVE\_ALARM\_TYPE\_CO2:3, zensorNetSourceNodeId:0, commandId:5, class:class physicalgraph.zwave.commands.alarmv2.AlarmReport, ZWAVE\_ALARM\_TYPE\_CO:2, ZWAVE\_ALARM\_TYPE\_SYSTEM:9, zwaveAlarmType:1, ZWAVE\_ALARM\_TYPE\_POWER\_MANAGEMENT:8, alarmType:1, CMD:7105]

**Smoke Detector description:** zw device: 09, command: 8407, payload:

**Smoke Detector CMD:** WakeUpNotification()

**Smoke Detector CMD properties:** [commandClassId:132, commandId:7, class:class physicalgraph.zwave.commands.wakeupv1.WakeUpNotification, CMD:8407, payload:[]]

## Battery Level Request

Since the smoke detector is sleepy, it requires to have the battery level polled when it wakes up. Here is what it returns.

**Smoke Detector description:** zw device: 09, command: 8003, payload: 64

**Smoke Detector CMD:** BatteryReport(batteryLevel: 100)

**Smoke Detector CMD properties:** [commandClassId:128, commandId:3, class:class physicalgraph.zwave.commands.batteryv1.BatteryReport, CMD:8003, payload:[100], batteryLevel:100]

## Tamper Alarm

When the smoke detector is taken off.

**Smoke Detector description:** zw device: 09, command: 7105, payload: 01 FF 00 FF 01 FE 00 00

**Smoke Detector CMD:** AlarmReport(alarmLevel: 255, alarmType: 1, eventParameter: [], numberOfEventParameters: 0, zensorNetSourceNodeId: 0, zwaveAlarmEvent: 254, zwaveAlarmStatus: 255, zwaveAlarmType: 1)

**Smoke Detector CMD properties:** [commandClassId:113, ZWAVE\_ALARM\_TYPE\_ACCESS\_CONTROL:6, ZWAVE\_ALARM\_TYPE\_EMERGENCY:10, ZWAVE\_ALARM\_TYPE\_RESERVED0:0, ZWAVE\_ALARM\_TYPE\_FIRST:255, ZWAVE\_ALARM\_TYPE\_SMOKE:1, ZWAVE\_ALARM\_TYPE\_HEAT:4, zwaveAlarmEvent:254, numberOfEventParameters:0, ZWAVE\_ALARM\_TYPE\_BURGLAR:7, ZWAVE\_ALARM\_TYPE\_CLOCK:11, zwaveAlarmStatus:255, alarmLevel:255, eventParameter:[], ZWAVE\_ALARM\_TYPE\_WATER:5, payload:[1, 255, 0, 255, 1, 254, 0], ZWAVE\_ALARM\_TYPE\_CO2:3, zensorNetSourceNodeId:0, commandId:5, class:class physicalgraph.zwave.commands.alarmv2.AlarmReport, ZWAVE\_ALARM\_TYPE\_CO:2, ZWAVE\_ALARM\_TYPE\_SYSTEM:9, zwaveAlarmType:1, ZWAVE\_ALARM\_TYPE\_POWER\_MANAGEMENT:8, alarmType:1, CMD:7105]