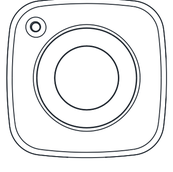
USER MANUAL

zooz™
bright ideas

4-IN-1 SENSOR
ZSE40 700



www.getzooz.com

FEATURES

- 4 smart sensors in 1 compact device
- 7 levels of motion sensitivity
- 3 modes for motion / temperature LED indicator notifications
- Built-in tamper protection
- Low battery alerts
- New 700 series Z-Wave chip: faster signal and longer battery life
- S2 Authenticated security with encrypted communication
- SmartStart inclusion for easy and secure pairing

SPECIFICATIONS

- Model Number: ZSE40 700
- Power: 1 CR123A battery
- Range: Up to 200 feet line of sight
- Motion Detection: Up to 35 feet
- Operating Temperature: 5-104° F
- Installation and Use: Indoor only

Z-WAVE CONTROL

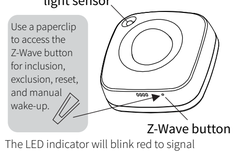
1. Insert the battery.
2. Place the sensor near the location where it will be mounted.

ADD DEVICE to your hub

Initiate inclusion (pairing) in the app (or web interface).

Finalize inclusion at the sensor. **Scan the QR code or enter the PIN located under the back cover if your hub supports SmartStart.**

CLICK Z-WAVE BUTTON ONCE



The LED indicator will blink red to signal communication and green once the PIN is entered, then turn off to confirm inclusion.

SmartStart enabled products can be added into a Z-Wave network by scanning the Z-Wave QR Code present on the product with a controller providing SmartStart inclusion. No further action is required and the SmartStart product will be added automatically within 10 minutes of being switched on in the network vicinity.

TROUBLESHOOTING

The sensor won't add to your system? Try this:

1. Initiate **EXCLUSION** and click the Z-Wave button on the sensor once.
2. Make sure the battery **cover is closed** tightly when adding the sensor.
3. **Click the Z-Wave button once every 15 seconds for 2 minutes** after the sensor joins the network to keep it awake so it can fully configure.
4. Click the Z-Wave button on the sensor **6-7 times quickly** when adding it.

REMOVE THE SENSOR FROM YOUR HUB

1. Bring the sensor within direct range of your Z-Wave gateway (hub).
2. Put the Z-Wave hub into exclusion mode (not sure how to do that? ask@getzooz.com).
3. Click the Z-Wave button with a paperclip once (it will blink green).
4. Your hub will confirm exclusion and the device will disappear from your controller's device list.

FACTORY RESET

If your primary controller is missing or inoperable, you may need to reset the device to factory settings. To complete the reset process manually, **remove the back cover** to trigger tamper switch. **Press and release the Z-Wave button** using a paperclip **10 TIMES quickly** (within 10 seconds).

NOTE: All previously recorded activity and custom settings will be erased from the device's memory.

WAKE-UP MODE

The sensor's wake-up interval is set to 12 hours by default to save battery life. You can change the wake-up interval using your controller's advanced settings if available.

During wake-up, the sensor receives communication from the hub (setting updates or network information). Long wake-up interval will **not** affect how often the sensor reports motion and other values to your gateway controller.

MANUAL WAKE-UP

Press and release the Z-Wave button **once** to wake the device up. The LED indicator will flash once (blue or orange). You may need to wake the sensor up manually IF:

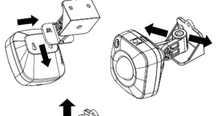
1. It doesn't fully configure during set-up (values are not displayed or errors pop up in your hub's interface).
2. You change advanced settings for the sensor and want them to update.

MOUNTING

OPTION 1: MOUNTING BRACKET

Use the 2 screws included in the box to fix the mounting bracket to flat surface of your choice - at least 7 feet above the ground for best results.

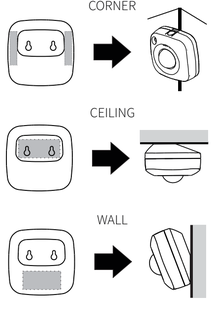
Once the bracket is securely installed, carefully slide the 4-in-1 sensor onto the bracket and position it by tilting it to either side, upwards, or downwards - just like in the images below.



TECH SUPPORT
ask@getzooz.com

OPTION 2: ADHESIVE TAPE

Use the supplied adhesive tape to fix the sensor to a CLEAN flat surface of your choice. Apply the tape as in the pictures below.

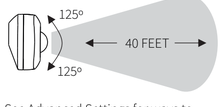


⚠ INDOOR ONLY!

This sensor may only be used and installed indoors. Outdoor installation will void its warranty.

For best results, mount the sensor within 30 feet from the door and around 7 feet from the ground. The 4-in-1 Sensor will detect motion up to 40 feet depending on mounting location and sensitivity settings.

MOTION DETECTION RANGE



See Advanced Settings for ways to optimize and customize motion detection and activity reports.

⚠ WARNING

- This product should be installed indoors upon completion of any building renovations.
- Prior to installation, the device should be stored in a dry, dust-and-mold-proof place.
- Do not install the sensor in a place with direct sun exposure, high temperature, or humidity.
- Keep away from chemicals, water, and dust.
- Ensure the device is never close to any heat source or open flame to prevent fire.
- Ensure the device is connected to an electric power source that does not exceed the maximum load power.
- No part of the device may be replaced or repaired by the user, except for the battery.

ADVANCED SETTINGS

Please refer to your controller's user guide for advanced programming instructions as they are a little different for every software.

Not sure where to start? Let us know!
ask@getzooz.com

ASSOCIATION

Associate your 4-in-1 with other Z-Wave devices for direct communication between them so your rules and automations can take place even if the hub is down.
The 4-in-1 sensor supports Group 1 with up to five devices for Lifeline communication and Group 2 for basic set reports. To associate the sensor with other devices, simply put your Z-Wave controller in Association mode by sending the appropriate command and wake up the sensor by clicking the Z-Wave button with a paperclip once.

CUSTOMIZE YOUR SENSOR

Temperature Sensor
Parameter 1: Use this parameter to switch from Fahrenheit to Celsius scale.
Values: 0 – Celsius. 1 – Fahrenheit (default).
Size: 1 byte dec.

Parameter 2: Use it to set temperature change to be reported by the sensor.
Values: 1 - 50 (where 1 stands for 0.1 degree and 50 stands for 5 degrees). Default set to 1 degree (value 10). The sensor will report new temperature value to the controller whenever temperature goes 1 degree up or down.
Size: 1 byte dec.

Humidity Sensor
Reports relative humidity.
Parameter 3: Use it to set humidity percentage change to be reported by the sensor.
Values: 1 - 50 where 1 stands for 1% and 50 stands for 50%. Default set to 10%.
Size: 1 byte dec.

Light Sensor
Reports light level in percentage (1-100).
Parameter 4: Use it to choose light percentage change to be reported by the sensor.
Values: 5 - 50 where 5 stands for 5% and 50 stands for 50%. Default set to 10%.
Size: 1 byte dec.

Motion Sensor
Parameter 5: Use it to set trigger interval - the time when motion is reported again after initial trigger.
Values: 15 - 255 where 15 stands for 15 seconds and 255 stands for 255 seconds. Default set to 15 seconds.
Size: 1 byte dec.
NOTE: Small interval will increase activity and decrease battery life.

Parameter 6: Use it to adjust PIR sensor sensitivity.
Values: 1 - 7, where 1 = very high sensitivity and 7 = very low sensitivity. Default set to 3.
Size: 1 byte dec.

LED notifications
LED indicator will flash whenever you press the Z-Wave button to indicate temperature level and wake-up mode.

How to read LED indicator colors?
Green = under 60°F
Blue = 60°-75°F
Yellow = 75°-83°F
Purple = 83°-97°F
Red = over 97°F / motion detected / tamper switch triggered
Flashing red = low battery

Parameter 7: Use it to choose between LED indicator modes.
Mode 1 = LED indicator is turned off (no visual notifications).
Mode 2 = temperature and motion indicated with flashing light. Flashes every 3 minutes for temperature.
Mode 3 = no indication for temperature, motion indicated with red flashing light.
Values: 1 - 3. Default set to 3.
Size: 1 byte dec.

NOTE: Mode 2 will increase activity and decrease battery life.

Tamper Switch
Tamper switch is located to the left of the battery slot. It's activated whenever the sensor's cover is removed while the device is powered up. It will send an alarm notification as scheduled.

This device requires the following **command classes** to be supported and recognized by your Z-Wave controller:
COMMAND_CLASS_ASSOCIATION_GRP_INFO_V3
COMMAND_CLASS_ASSOCIATION_V2
COMMAND_CLASS_MULTICHANNEL_ASSOCIATION_GRP_INFO_V3
COMMAND_CLASS_APPLICATION_STATUS_V1
COMMAND_CLASS_BATTERY _V1
COMMAND_CLASS_CONFIGURATION _V4
COMMAND_CLASS_DEVICE_RESET_LOCALLY_V1
COMMAND_CLASS_FIRMWARE_UPDATE_MD_V5
COMMAND_CLASS_INDICATOR_V3
COMMAND_CLASS_MANUFACTURER_SPECIFIC_V2
COMMAND_CLASS_NOTIFICATION_V8
COMMAND_CLASS_POWERLEVEL_V1
COMMAND_CLASS_SECURITY_V1
COMMAND_CLASS_SECURITY_2_V1
COMMAND_CLASS_SENSOR_MULTILEVEL_V11
COMMAND_CLASS_SUPERVISION_V1
COMMAND_CLASS_TRANSPORT_SERVICE_V2
COMMAND_CLASS_VERSION_V3
COMMAND_CLASS_WAKE_UP_V2
COMMAND_CLASS_ZWAVEPLUS_INFO_V2

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.

QUICK GUIDE SCANS

Choose your hub and scan the QR code with your phone's camera. Then click on the link to access the step-by-step programming instructions.

HOW TO ADD IT TO MY HUB?

SmartThings

Hubitat

Vera

HOW TO ADJUST SETTINGS?

SmartThings

Hubitat

Vera

HOW DOES IT WORK?

Scan to learn more about how the sensor reports humidity, temperature, and other values to the hub and how to get the most of it.

WARRANTY

This product is covered under a 5-year limited warranty. To read the full warranty policy or file a warranty claim, please go to
www.getzooz.com/warranty

QUESTIONS?

www.support.getzooz.com
ask@getzooz.com

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This equipment generates, uses and can radiate radio frequency energy and, if not installed and used according to instructions, may cause harmful interference to radio communications.
However, there is no guarantee that interference will not occur in any given installation.
If this equipment causes harmful interference to radio or television reception, the user may try to correct the interference by taking one or more of the following measures:
- Reorient or relocate receiving antenna
- Increase the separation between equipment and receiver
- Connect equipment into a separate outlet or circuit from receiver
- Consult the dealer or an experienced radio/TV technician for additional assistance

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