Manuals+ — User Manuals Simplified.

OWL WIRED Smoke Detector with All-in-One Smart Home Security System User Guide

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OWL WIRED Smoke Detector with All-in-One Smart Home Security System

Introduction

Owl Wired replaces your smoke detector with an all-in-one smart home security system that detects Smoke, Carbon Monoxide, Motion, Sound, Temperature & Humidity.
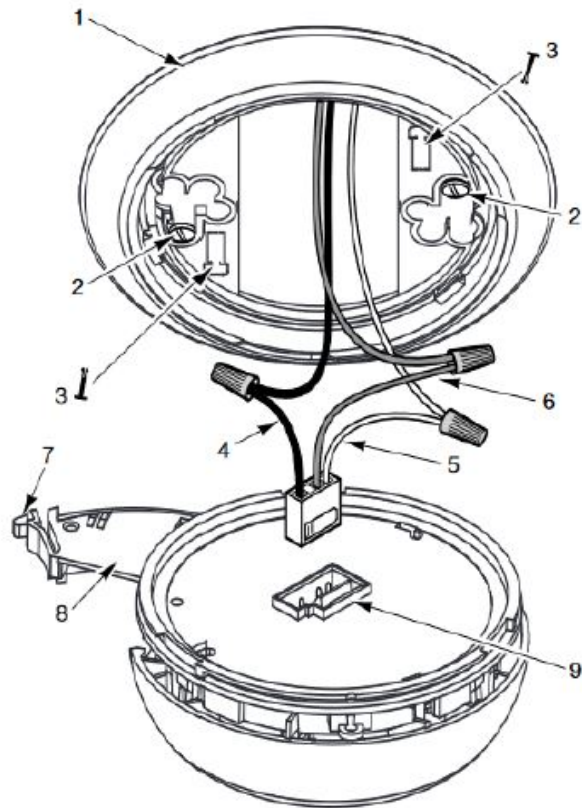
Features

a. Photoelectric Smoke detection
b. Electrochemical Carbon Monoxide detection
c. Microwave RADAR Motion detection
d. Sound level detection
e. Temperature & Humidity detection
f. Wi-Fi connected with Apple HomeKit support
g. Backup Lithium-ion battery that can power the device during power outages
h. 85dB loud buzzer and a multicolor LED ring
i. 120-240V AC and USB-C DC power support
j. Over the air software updates
k. Interconnects with most traditional smoke detectors(available late 2021)

Appearance

Installation

a. Remove existing Mounting Bracket from the ceiling if needed
b. Install provided Mounting Bracket in the box using provided 2 screws
c. Connect the 3 wires with the power connector accordingly and put on the screw cap on each wire connection
Black – Hot/Line
White – Neutral
Orange – Interconnect
d. Insert the Power Connector on back of the device
e. Power on the device by turning on the switch in the back
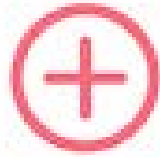**f.** Install the device on the Mounting Bracket by twisting and locking

Instructions

1. How to setup Owl Wired

    1. Install Owl Home app from testflight: link here

    2. Open Owl Home app

    3. Sign up or Login if you have created an account

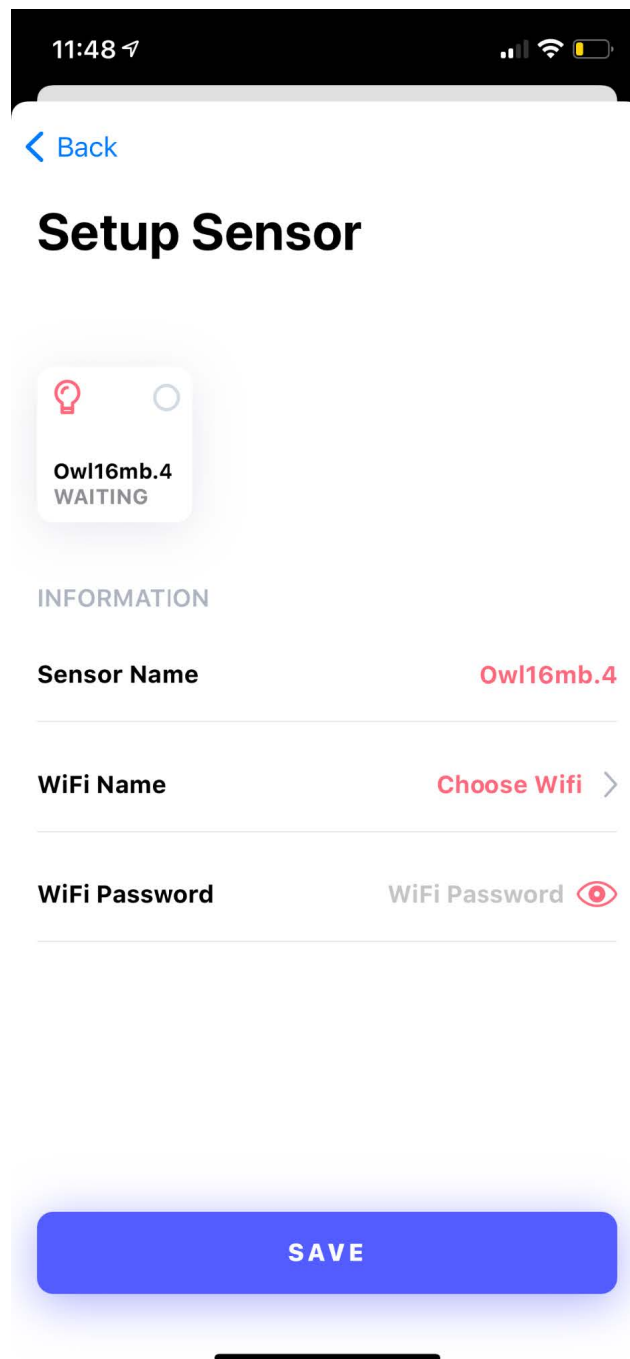   4. Tap on Add icon on the top right

5. Tap on Scan Now Button

6. Tap on your device

1 DEVICE FOUND

Owl16mb.4
WAITING

7. Select your Wi-Fi details and save

<Back

Setup Sensor

Owl16mb.4
WAITING

INFORMATION

Sensor Name   **Owl16mb.4**

WiFi Name   **Choose Wifi** >

WiFi Password   WiFi Password 👁

SAVE

Button

Silence
Pressing the button when an alarm is on silences the alarm.
Reset
Pressing and holding the button for 15 seconds causes the device to reset.

Indication Light

Under normal standby circumstances, the white light flashes once every 30 seconds.

Low battery warning

When the battery capacity is low, the orange light flashes every 10 seconds and shows battery low in the mobile app

Alarm On

When the alarm detects more than 300ppm of carbon monoxide gas concentration, the alarm will trigger within 3 minutes. During this time, the buzzer will make the sound "di" 4 times every 5 seconds and red light will also flash. At this time, please turn off the gas valve, open the windows, doors and call the emergency service. In case of a fire, when a smoke concentration of 0.1%db/m is detected, Owl Wired will start alarming.
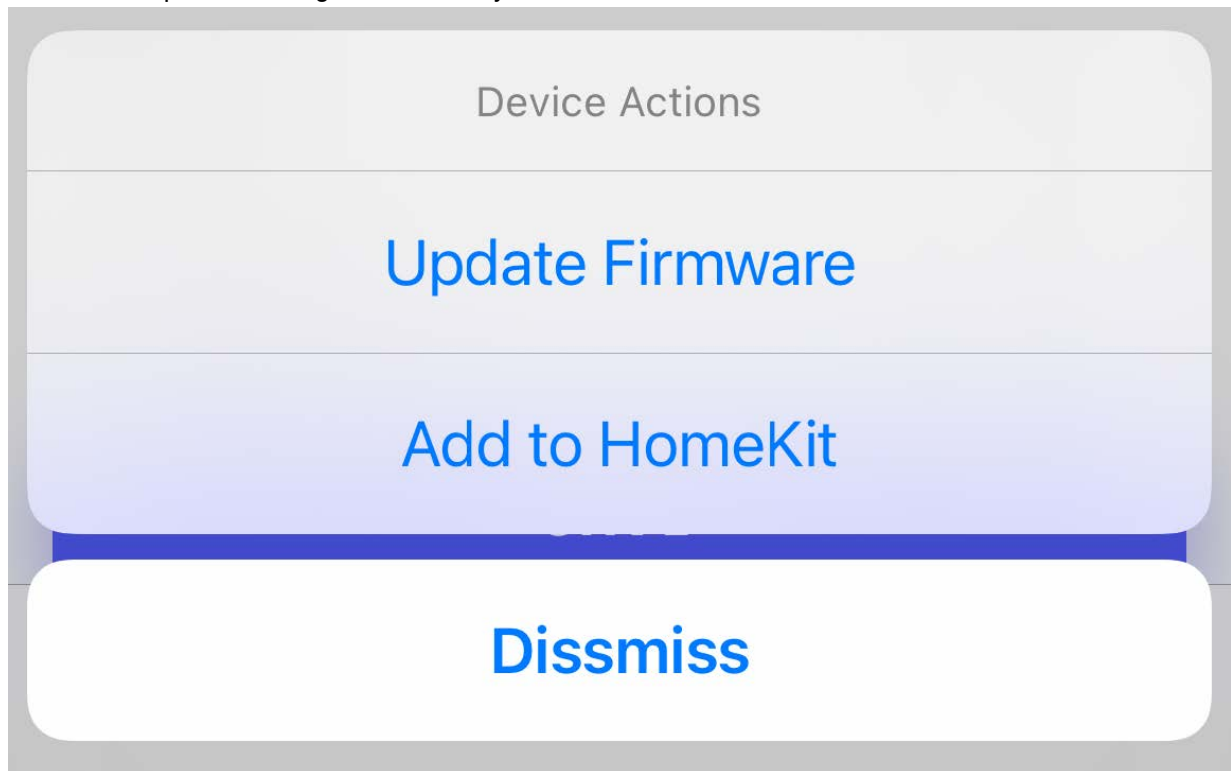
Alarm Pause(Hush mode)

Silence your alarm by pressing on the button on the front in case of non-emergency situations. During this time, the light flashes every 10 seconds to indicate that the alarm has been silenced. Alarm will reset after 10 minutes.

HomeKit Setup

Go into your device settings through Owl Home mobile app and select the gear icon and tap on Add to HomeKit. It will open the HomeKit dialog to proceed with the setup.

Update firmware

Go into your device settings through Owl Home mobile app and select the gear icon and tap on Update Firmware and the firmware update will begin momentarily.

Technical Parameters

1. 802.1n (2.4GHz), upto150Mbps Wi-Fi

2. Bluetooth 4.2

3. 1000mAh 3.7V internal Lithium battery

4. 120V – 240V AC Power Supply

5. 6 Multi-colour LED ring

6. Loud Buzzer with 89dB sound pressure at 3m

7. Sensors:

    1. Electrochemical CO sensor

        Sensitivity: 0 – 9,999ppm

    2. Photoelectric smoke sensor

        Sensitivity: 0.1db/m – 9.9db/m

    3. Microwave RADAR motion sensor

Sensitivity: 6m radius and detects beyond walls

4. Microphone

   Sensitivity: -26dB ±3dB @ 94dB SPL

5. Temperature and Humidity sensor

   Sensitivity: ±0.3°C Temperature

   Sensitivity: ±2% Relative Humidity

8. Meets UL-268 and ULC-531 for smoke detectors
9. Apple HomeKit certified

Notice

1. Owl Wired can not detect the combustible gases such as liquefied petroleum gas, natural gas, methane, etc.
2. Cleaning the surface of the device every 3 months is preferred.
3. Do not use detergent to clean the detector as this will damage the device.
4. Do not spray any sprays such as air freshener, hair spray, etc.
5. Aside from using Owl as your shield from smoke, co and safety, please also pay attention to your daily life and strengthen safety when possible and your consciousness towards a secure life.

Warning Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the
following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Any changes or modifications not expressly approved by the party responsible for
compliance could void the user's authority to operate the equipment.
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to
provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not
installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not
occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the
following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance 20cm between the radiator & your body.

Documents / Resources

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