How to control Smart Environment Monitor using HomeKit technology?

1. Make sure that this device has enough battery power, or just connect it to a power supply.

2. Make sure that your iPhone or iPad (iOS 9.0 or later) is connected to a 2.4GHz Wi-Fi network.

~ 2.4GHz   ~ 5GHz

3. Download the free Koogeek Home app from the App Store and log in.

4. Tap "+" and scan the setup code. Please keep the setup code for future use.

5. Tap Koogeek-A1W-XXXXXX and pair, and then follow the steps to add the device to the Home and Room.

Note: XXXXXX are consistent with the last 6 characters of MAC address on this product. To add more products (or repeat the setup process), tap "+" and repeat the above operations.

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6. In the Home app, this device will be displayed as five individual sensors — air quality (PM2.5/PM10) sensor, temperature sensor, humidity sensor, light sensor, and motion sensor — and one night light. You can rename them to help you identify them in the Home app. You can ask Siri to tell the sensor readings or turn on or off the night light.

7. Create a scene which controls multiple accessories at the same time. Tap the scene to turn it on or off, or just ask Siri.

8. For troubleshooting, visit www.koogeek.com

Note

The use of a HomeKit-enabled accessory need the follow permissions:
Settings > iCloud > iCloud Drive > Turn On
Settings > iCloud > Keychain > Turn On
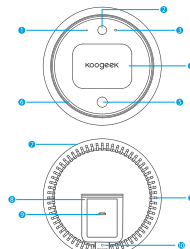Settings > Privacy > HomeKit > Koogeek Home > Turn On

Legal

Use of the Works with Apple HomeKit logo means that an electronic accessory has been designed to connect specifically to iPod touch, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

Controlling this HomeKit-enabled accessory automatically and away from home requires an Apple TV with tvOS 10.1 or later or an iPad with iOS 10.1 or later set up as a home hub.

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Structure

1 Sound sensor
2 Light sensor
3 HOME key
4 RGB LED light
5 Micro-USB port
6 Air outlet
7 Motion sensor
8 LCD screen
9 Air inlet
10 Bracket
11 Reset hole

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Button description

Button name		Function	
		Press	Press and Hold
HOME KEY (MFB)	Switch between 3 main interfaces		In the state of power off, long press 5s to turn on
			In the state of power on, long press 6s and the power-off confirmation interface will pop up
	Switch between options in the setting interface		After power on, long press 2s to enter the setting interface
			In the interface of settings, long press 2s to confirm the setting parameters and jump to the next setting step until the end of the setting
RESET HOLE		Insert a sharp objects into the "RESET" hole to restart the device	

Note: If there is no operation, the screen will automatically turn off 1 minute later. It will enter the sleep mode 10 minutes later. In the state of the sleep mode, press the HOME key to activate or select the smart wake function.

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Operation instructions

Power on: Long press the HOME key 5s to turn on.

Language: Long press the HOME key 2s to enter the language setting interface. Press the HOME key to select either Chinese or English.

Temperature unit: Long press the HOME key 2s, switch to the temperature unit interface. Press the HOME key to select either °C or °F.

Motion threshold: Long press the HOME key 2s, switch to the motion threshold interface. Press the HOME key to select the motion threshold time among 5 seconds, 15 seconds, 30 seconds, 1 minute, 5 minutes, 10 minutes, 30 minutes and OFF.

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Smart wake: Long press the HOME key 2s, switch to the smart wake interface. After smart wake function is enabled by selecting "YES", when motion is detected between 7:00 and 23:00, it can wake up the device. (Note: Please do not set the motion threshold to OFF.)

Night light: Long press the HOME key 2s, switch to the night light interface. After night light function is enabled by selecting "YES", if the light intensity is less then 5lux, when motion is detected or the HOME key is pressed, the LED light will light up.

Calibration: Long press the HOME key 2s, switch to the calibration interface.

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Date & Time: Long press the HOME key 2s, enter the date and time settings interface. Press the HOME key to select the year, long press 2s to confirm and save. Then it will automatically switch to month settings. Press the HOME key to select month and long press 2s to confirm and save. Similarly, set hours and minutes follow the above operations.

Power off: Long press 6s to enter the Power Off confirmation interface. Select "YES" by pressing the Home key to turn off the device.

Note: If there is no operation in the state of setting, it will automatically exit settings and enter the home interface 15 seconds later.

Home page display

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Icon description

1 Battery level
- Low battery power 0-5%
- 25%
- 50%
- 75%
- 100%
- Charging

2 PM2.5 level

PM2.5 concentration	Color	Air quality level
0~35	Green	Excellent
36~75	Orange	Good
76~115	Red	Fair
116~150	Purple	Inferior
>151	Purple	Poor

3 Humidity level

4 & 5 Temperature level

80~100%   31~79%   0~30%   0~18°C   19~28°C   > 29°C

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Note

1. To get more accurate readings, fully charge and calibrate before the first use. Low battery may cause this product to display inaccurate readings.
2. Please connect the charging cable for long-term using. Keep the built-in lithium battery fully charged if it will not be used for a long time, so as to preserve the battery life.
3. Do NOT expose to liquids.
4. Do NOT expose to high concentration of gas or smoke.
5. Do NOT clean with liquid.
6. Do NOT disassemble.
7. Do NOT use if serious expansion occurs.

Technical Parameters

Display: 2.8" TFT LCD
Battery type: 2200mAh lithium battery
Input: 5V═1A
Charging time: Approx. 6 hours
Temperature detection range: 0 ~ 80 °C; Accuracy: ± 2 °C
Humidity detection range: 0 ~ 100% RH, Accuracy: ± 10%
Sound detection range: 30 ~ 130dB, Accuracy: ± 5dB
Light illuminance detection range: 1 ~ 65535 lux
Motion detection range: 3 to 5 meters
PM2.5/PM10 detection range: 0 ~ 999 ug/m³
Note: The above data are derived from test results, the actual use may vary.

Customer Service

12-month limited warranty

Lifetime technical support

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A1W SMART Environment Monitor
QUICK START GUIDE