

IMPORTANT NOTES

1. PLEASE READ BEFORE COMMISSIONING

(1) SPACE REQUIREMENTS

- Ensure there are no obstructions, such as solid walls or large metal objects, blocking the wireless signal.
- The space should not exceed 164 ft (50 m) in length, 164 ft (50 m) in width, or 10,764 sq ft (1,000 sqm) in total area.

(2) 1-DEVICE ONLY DURING COMMISSIONING

Only use 1 device (phone or iPad) during the commissioning process. Multiple devices used during the commissioning may cause interruption in data transmission.

(3) MULTI-ZONE APPLICATION

- Limit each zone to maximum 100 devices to maintain optimal performance.
- For more than 100 devices, create additional zones for extra fixtures:
To create new zones, navigate to the “MORE” interface, click the “ZONE” button, and create a new zone to add the extra lights.
To easily add specific lights (up to 100) at a time, if possible, consider powering off the extra lights while adding the desired ones.

2. COMMISSIONING TIPS

(1) ADD LIGHTS

- Go to the DEVICES interface and tap the “+” icon to search for nearby lights. While standing in the center of the lighting area, add the lights—starting with the ones closest to you. You can add up to 10 lights at a time.
- To continue, move to the next area and repeat the process to add another group of 10 lights.
- To identify which light corresponds to each button in the app, tap the button—the matching light will flicker. Once it flickers, you can assign a name to that light.

(2) GROUP THE LIGHTS TO CONTROL THEM TOGETHER

- Tap “GROUP” to open the group interface.
- Select the group you want to edit, tap “MEMBERS,” then tap the light button to add the light to the group.

(3) QUICK CONTROL WITH 1 BUTTON

- In the DEVICES interface, tap the ALL DEVICES button to turn all lights in the same zone on or off. Long-press an individual light button to open its control interface, where you can turn it on/off or adjust the brightness.
- In the GROUP interface, tap the SETTINGS button for a specific group to control all lights in that group—turn them on/off or dim them up/down.

(4) QUICK RESETTING TO SAVE TIME

If you encounter a settings issue or need to reset the sensor, use the RC100 remote control. Point it at the motion sensor and press the “RESET” button once, then press the “ON/OFF” button twice. The fixture will flicker to confirm a successful reset. You can then proceed with the next steps.

3. AFTER THE COMMISSIONING

(1) DATA SYNCHRONIZATION

Once commissioning or settings adjustments are complete, go to the “MORE” interface and tap “DATA SYNCHRONIZATION” to upload the updated data to the cloud. Ensure a stable internet connection during this process.

(2) MULTI-USER FUNCTIONALITY

To allow other users to access the zone, go to the “MORE” interface, tap “ZONES,” and then tap to share the QR code.

4. MORE

- For installation videos, please scan the QR code below to visit our playlist, then click on “HY NLC – HONYA Lighting’s NLC System” to watch.



- For detailed guidelines, please visit our website at <https://www.honyalighting.com> to download them, or scan the QR code below for direct access.



Bluetooth Passive Infrared sensor



SPECIFICATION

ANT-6-4T-BLE-GE-HYA uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for high bay applications.

App Download

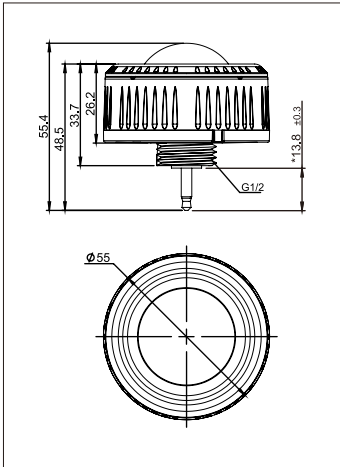


FEATURES AND BENEFITS

- Bluetooth to 0-10V signal converter, Bluetooth® mesh network.
- Mesh network, which has a much longer control distance, transmits received signals to neighboring devices.
- All devices on 0-10V line are broadcast controlled by mobile application.
- In typical outdoor environment, the typical range for wireless communication is 164ft(50m).
- Actual range is dependent on field installation.
- Available with magnetic reset(Touch the side part of sensor for 5 seconds) and remote reset (press "RESET"+" ON/OFF" buttons in sequence).
- On-board antenna.

TECHNICAL DATA

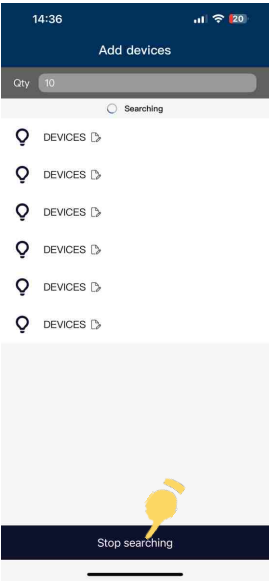
Motion Sensor	Passive infrared sensor
Input Power	12-24VDC,>50mA
Control Output	0-10V,max 25mA sinking current
Mounting height	40ft(12m) Max.
Detection angle	360°
Operating temperature	-20°C~60°C
IP rating	65
Max Bluetooth Range	164ft(50m)
Warranty	5years



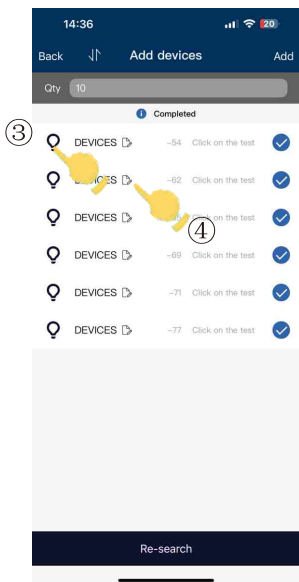
Add lamps to the APP



1.Enter the "Devices" interface , click the "+" in the upper left corner

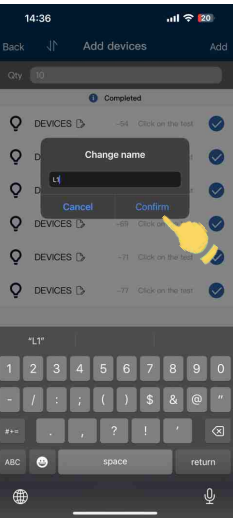


2. The app will scan and list nearby lamps that can be added (the default quantity is 10). Click "Stop searching", and the nearest 10 devices will be sorted based on the Bluetooth signal

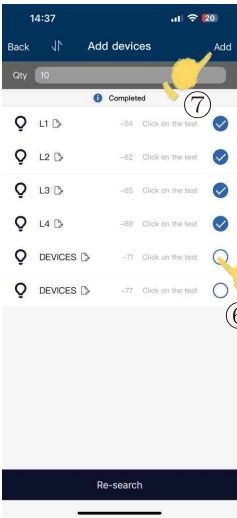


3. Devices can be identified in a room by pressing the left icons to turn it on and off.

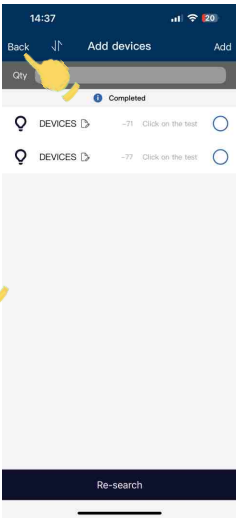
4. Click to rename the lamp.



5. Type the name , and click "Confirm"



6. You can click the checkbox to select or deselect the lamp.

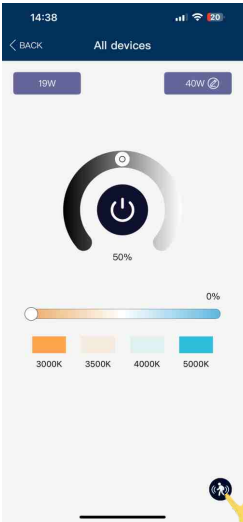


7. After choosing the devices you want, click the "Add" button in the upper right corner, add the selected lamps to the project.

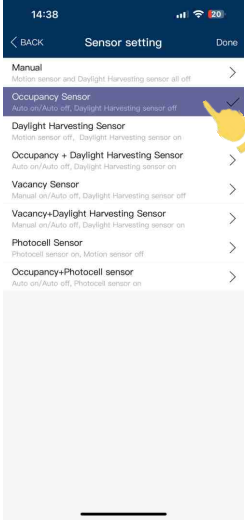


8. After adding successfully, you can click "Back" to the "Devices" interface to check whether the devices are added successfully

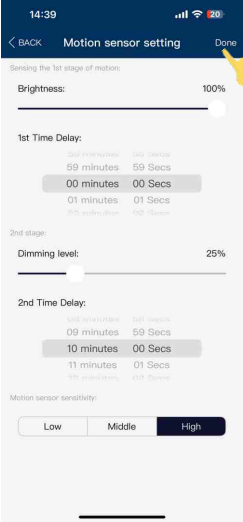
Sensor Settings



1. Click the  in the lower right corner to set the sensor parameters for this senso.



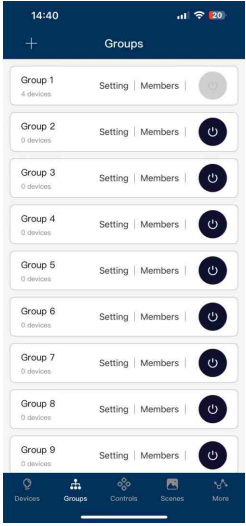
2. Select the sensor mode type.



3. After setting the parameters, you need to click the **"Done"** button to save the settings.

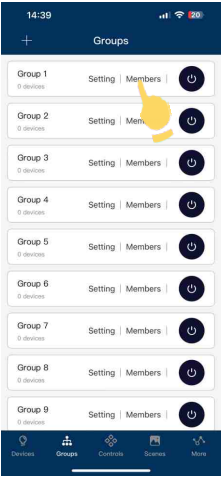


Then press **x(Back)** to exit.

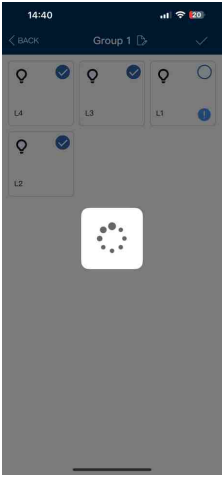
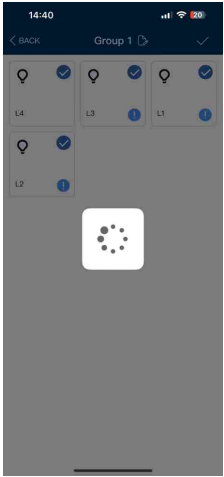
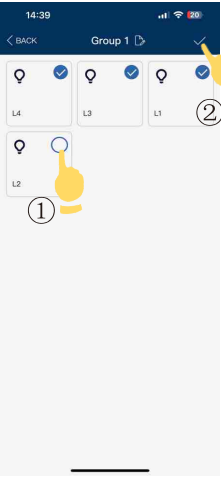


On the **"Group"** interface of the APP, click the sliding switch of a certain group to quickly turn on/off all the devices in this group

Add lamps in a group

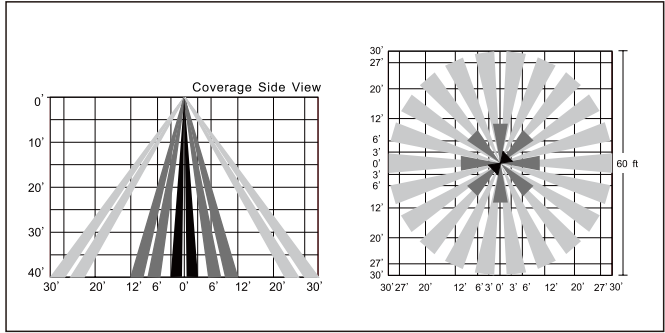


In member management page, click the selection box in the right corner of the devices icon to add or remove a certain device. After selecting members, click the "✓" to save the grouping



During adding,  will appear in the lower right corner of the device being configured. The devices that are added to the group successfully, the  will disappear.

SENSOR COVERAGE



ORDERING INFORMATION

ANT-6-4T-BLE-GE-HYA Bluetooth Passive Infrared sensor