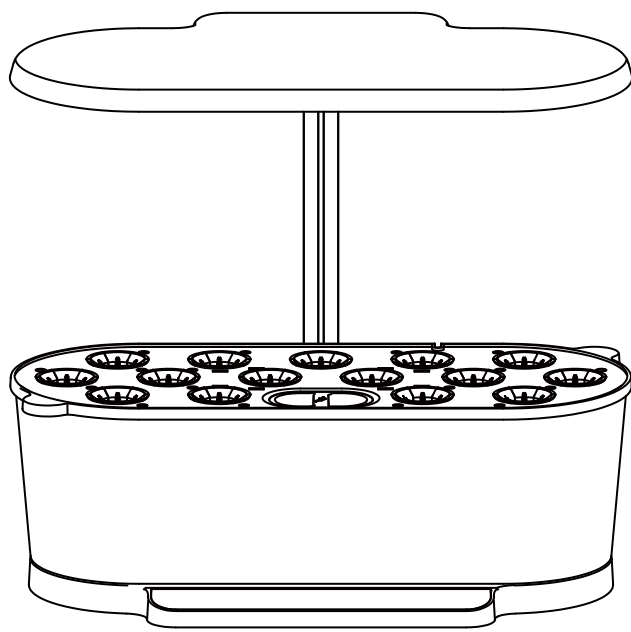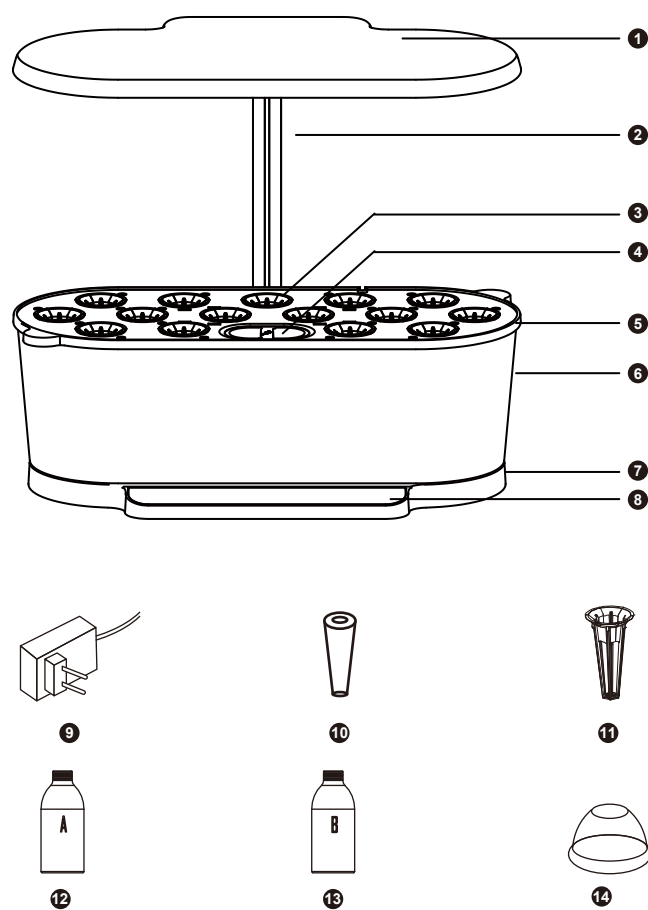# Indoor LED Hydroponic System Setup Guide

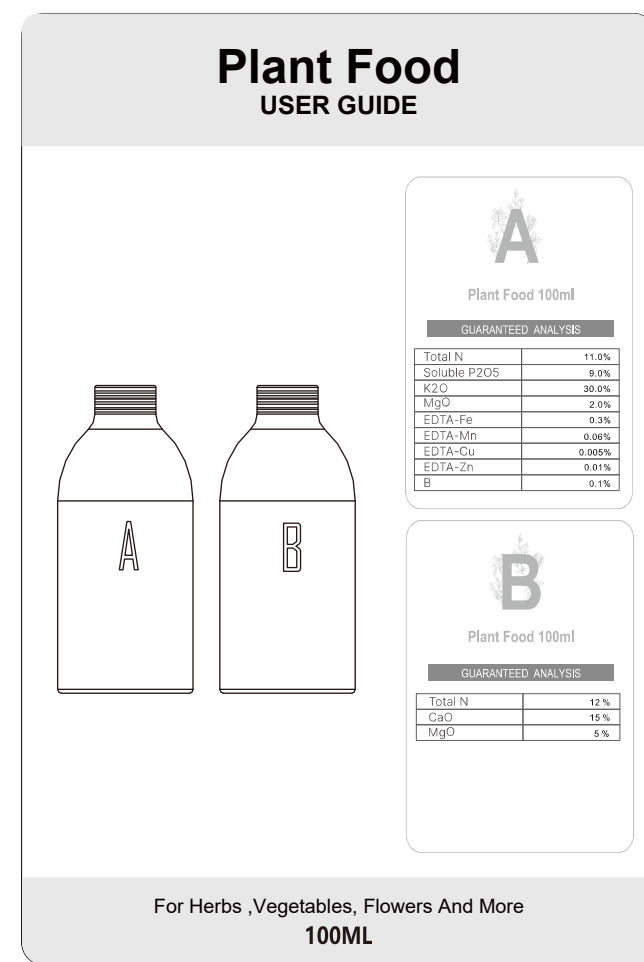Model：IGS-36

Included In Packge

1 Light panel assembly
2 Extendable rod
3 Basket container
4 Plug at the filling nozzle
5 Water tank top cover
6 Water tank
7 Station of device
8 Control & Display pannel
9 Plug Adapter
10 Sponges *15
11 Basket Kit * 15
12 A Solid Nutrient
13 B Solid Nutrient
14 Germination Cover * 15

## Ratio & Method Of Nutrition

Plant Food
USER GUIDE

A

GUARANTEED ANALYSIS	
Total N	11.8%
Soluble P2O5	6.0%
K2O	20.0%
MgO	2.4%
EDTA-Fe	5.3%
EDTA-Mn	0.80%
EDTA-Cu	0.965%
EDTA-Zn	0.80%

Plant Food 100ml

B

GUARANTEED ANALYSIS	
Total N	10%
CaO	19%
MgO	3%

Plant Food 100ml

For Herbs ,Vegetables, Flowers And More
100ML

Directions

STEP 1 :
Full fill the bottle containing A and B solid nutrient particles with purified water,and shake bottles to fully mix the content.
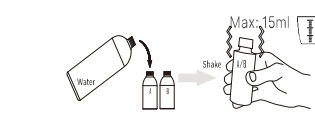
STEP 2 :
Use the cap of the bottle containing nutrient particles as a measure ,and 5ml A and 5ml B nutrient solution into each 1L water (You can add the water according to the water level marked in the tank)make sure the water is stirred uniformly after the addition of each solution.

Water/Nutrient proportion

Water	Nutrient
1L	5mlA + 5mlB
2L	10mlA + 10mlB
3L	15mlA + 15mlB
4L	20mlA + 20mlB
5L	25mlA + 25mlB

We suggest to change or replenish water/ nutrient with same proportion every two Weeks.

Precautions

1. Nutrient particles have storage life of 2 years in unopened bottles if stored at the ambient temperature without exposure to sunlight.
2. Well-mixed nutrient solution prepared by adding water have storage life of 5 months without exposure to sunlight.
3. If there is precipitation, it's a normal phenomenon.

FAQ

1. Why do only a few of the plants grow and once grown, they quickly wither?

a. The seeds you purchase make a difference. For best results, purchase seeds from reliable manufacturers and avoid purchasing seeds that are not suitable for water hydroponic devices.

b. Ensure you are using the correct proportion of nutrient solution to water, LED light distance from the plants and temperature as stated in the user guide.

2. Can sponges be reused?

It's reusable if pull out the stem of a plant, but we don't recommend doing so as it's not as good as the first use.

3. Does it kill the plant to remove it from a sponge (if I want to move it to a pot, for example)?

Normally, it won't, you'd better wait until it's vigorous to improve survival rates.

4. Why the LED light can not be turned on?

Push or re-insert the rod down into the bottom until you hear a "Beep" sound, and then press the "POWER" button, the light will be on.

5. How to clean the water pump?

Step 1. Turn the power off
Step 2. Remove the extendable rod and the top cover of the water tank.
Step 3. Take out the sponge in front of the water pump and rinse it with water. Any washing liquid will harm the nutrition balance. (if it is very dirty, please rinse the water pump all together)
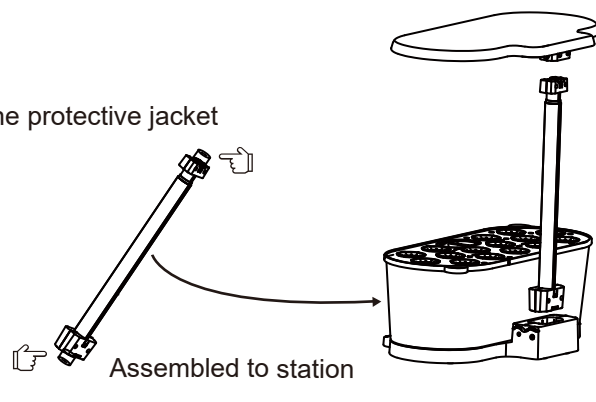Step 4. Install those back and restart the machine.

FC CE RoHS
MADE IN CHINA

Assembly Step

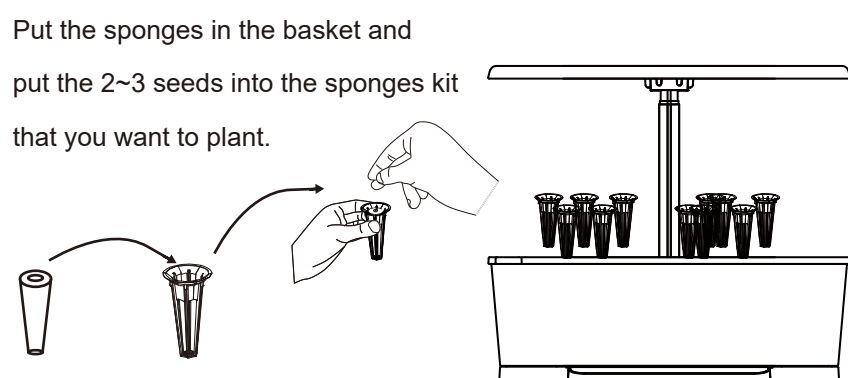① Take out the device from the package.
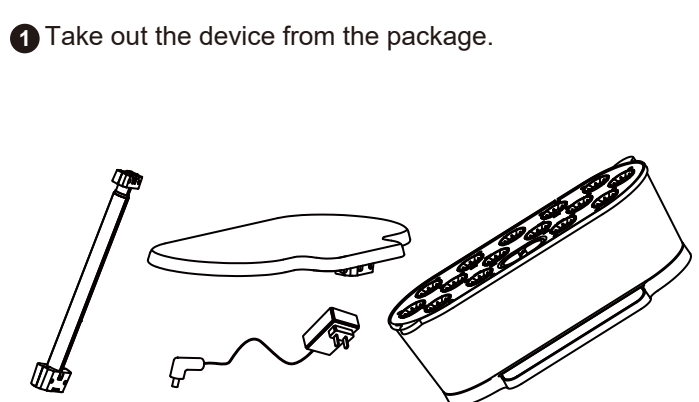
② Take out the protective jacket
Assembled to station

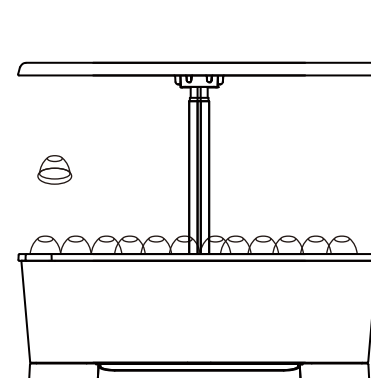③ Connect the plug to the corresponding socket.
pump
power adaptor
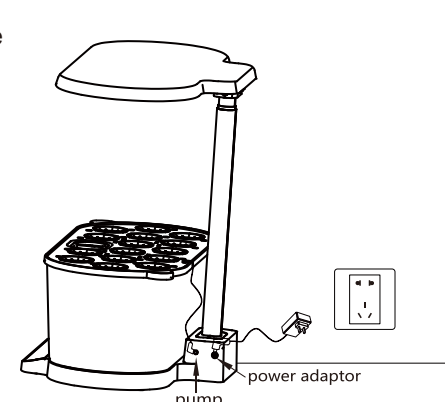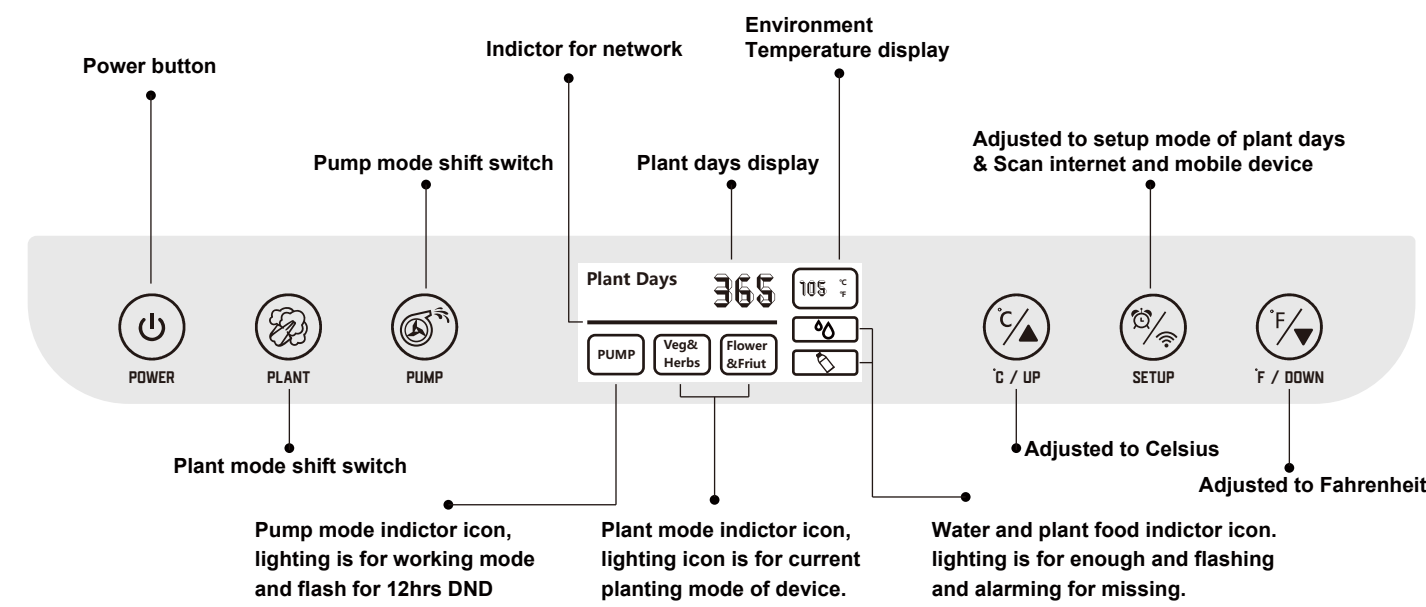
④ Add an amount of water with plant food to the tank.
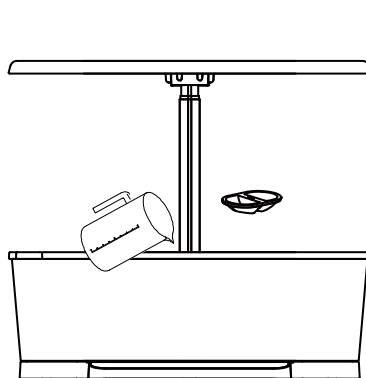
⑤ Put the sponges in the basket and put the 2~3 seeds into the sponges kit that you want to plant.

⑥ Cover the germination cover and enjoy your grown.

Function & Control Description

Power button
Indictor for network
Environment Temperature display
Pump mode shift switch
Plant days display
Adjusted to setup mode of plant days & Scan internet and mobile device

Plant Days 365 105

POWER PLANT PUMP | PUMP Vegtk Herbs Flower &fruit | ℃/ UP SETUP °F / DOWN
℃ UP
°F DOWN

Plant mode shift switch
Adjusted to Celsius
Adjusted to Fahrenheit

Pump mode indictor icon, lighting is for working mode and flash for 12hrs DND mode.

Plant mode indictor icon, lighting icon is for current planting mode of device.

Water and plant food indictor icon. lighting is for enough and flashing and alarming for missing.
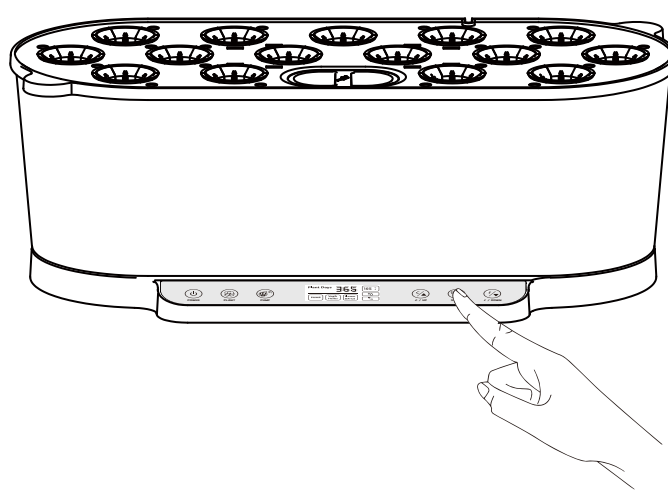
POWER — When insert the plug into the power source, the machine will make a long" beep" sound, indicating that the power is completed. The lighting at the bottom of the POWER icon flashes slowly, that means the machine is in the standby mode; Touch the ⏻ button once, the machine will automatically turn on, and the machine is in VEG&HERBS mode.
NOTE: If there is not enough water in the water tank when the machine is turned on, you will hear a beep sound for 30 seconds. This is an alarm sound to indicate that there is not enough water in the water tank. You can press any button or wait for 30 seconds to stop the beep sound. When the icon flashes on the screen, that means you should add water and nutrient solution; At the same time, you may hear a roaring motor sound. This is the normal working sound of the pump in an anhydrous state, and it can be automatically eliminated after adding water.

PLANT — When you press the Plant button, the red, blue and white LED beads will turn on and the indicator of this button will be on during the working period.
The auto on and off timer works on a 24-hour cycle. When choosing the Plant mode, the hydroponic growing system will light on for 16 hours, enter sleeping mode for 8 hours and will flash slowly. After that, the hydroponic growing system will automatically light on at the same time the next day.

PUMP — After pressing the ⏻ Power button, the indicator of ⏻ Pump button will be on at the same time and the pump will automatically enter the working cycle of 30-minutes on and 30-minutes off. If you press the Pump button once, then the indicator of this button will flash and immediately enter 12-hours sleeping mode.After the sleeping mode is completed, the pump will enter the working cycle of 30-minutes on and 30-minutes off again.

℃ / UP — In the standby mode, press button once, the temperature indication on the screen will switch to "Celsius"; press again, a beep will sound, and the temperature indication will not change.When you need to adjust the "PLANT DAYS" displayed on the screen, please press once "SETUP" button first to make the number of planting days displayed in flashing state, and then press this button again, the number of planting days will be changed.Each time you press it, the number of planting days will increase one day.

SETUP —
Press once : In the standby mode, press once, the number of "PLANT DAYS" on the screen will start to flash, and the number of days can be manually adjusted. This number will flash for 10 seconds, then automatically stop flashing and confirm the current number; or within 10 seconds of flashing , press the "SETUP" button again,the number of "PLANT DAYS" on the screen will stop flashing and confirm the current number.

Long Press for 3 seconds : In the standby mode, Long press for 3 seconds , the "Indicator for internet" marker _____ will start to flash for 3 mins,in this time ,you can scan this device on Smart Life app by your phone; if found and connected to APP ,this marker will fast flash 3 times and the marker will be lighting immediately; if no found or connected to APP , the marker will disappear after 3 mins.

°F / DOWN — In the standby mode, press button once, the temperature indication on the screen will switch to "Fahrenheit" display; press again, a beep will be sound, and the temperature indication will not change.When you need to adjust the "PLANT DAYS" displayed on the screen, please press once "SETUP" button first to make the number of planting days displayed in flashing state, and then press this button again, the number of planting days will be changed.Each time you press it, the number of planting days will decrease one day.
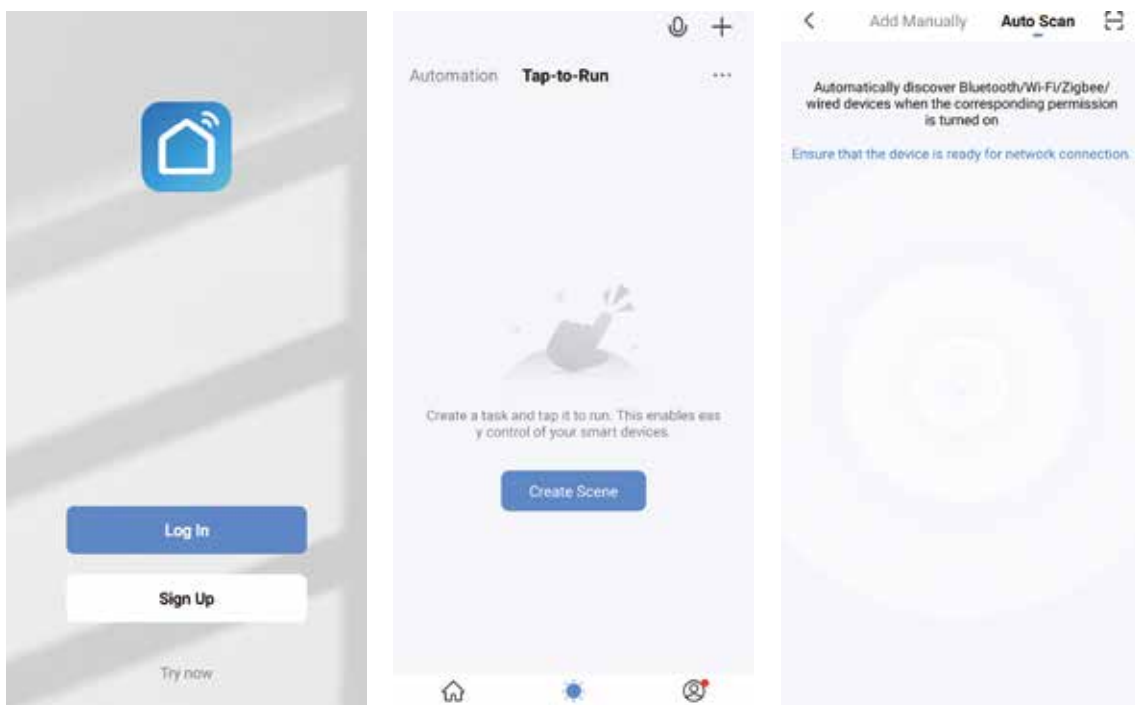
How to find and install Smart Life app

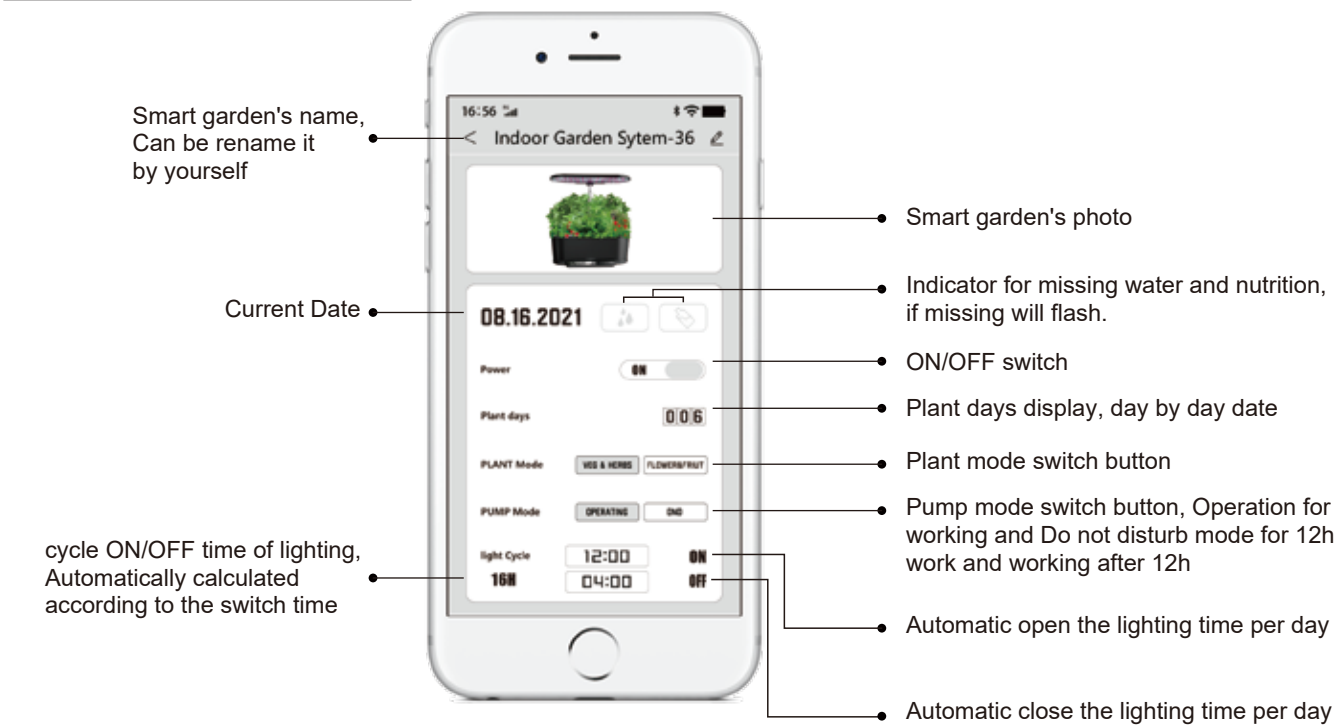① you can scan this QR code or APP STROE for installing Smart Life APP to mobile device.
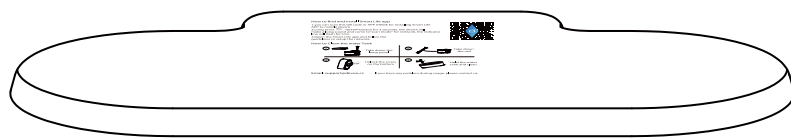
② Long press "SETUP"button for 3 seconds ,The device will make a long sound and come to"scan mode" for network, the indicator line will flash for 3 mins.

③ Open the Smart Life app and follow the guidelines to setup the network .

Log In
Sign Up
Try now

Automation Tap-to-Run
Create a task and tap it to run. This enables easy control of your smart devices.
Create Scene

Add Manually Auto Scan
Automatically discover Bluetooth/Wi-Fi/Zigbee/ wired devices when the corresponding permission is turned on
Ensure that the device is ready for network connection.

Add Manually Auto Scan
Available devices found
Smart Garden sys...
Next

Cancel
Choose Wi-Fi and enter password
TXDL_2.4G
Password
Next

Add Manually Auto Scan
Available devices found
Connecting...
1%
Place your router, mobile phone, and device as close as possible
Device found
Register Device to Smart Cloud
Initializing device

Function introduction

Smart garden's name, Can be rename it by yourself

Indoor Garden Sytem-36
08.16.2021

Current Date

Power
Plant days
PLANT Mode
PUMP Mode OPERATING DND
Light Cycle 12:00 04:00

Smart garden's photo
Indicator for missing water and nutrition, if missing will flash.
ON/OFF switch
Plant days display, day by day date
Plant mode switch button
Pump mode switch button, Operation for 24h working and Do not disturb mode for 12h no work and working after 12h
Automatic open the lighting time per day
Automatic close the lighting time per day

cycle ON/OFF time of lighting, Automatically calculated according to the switch time

FCC Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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 communica-tions. 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 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.
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body