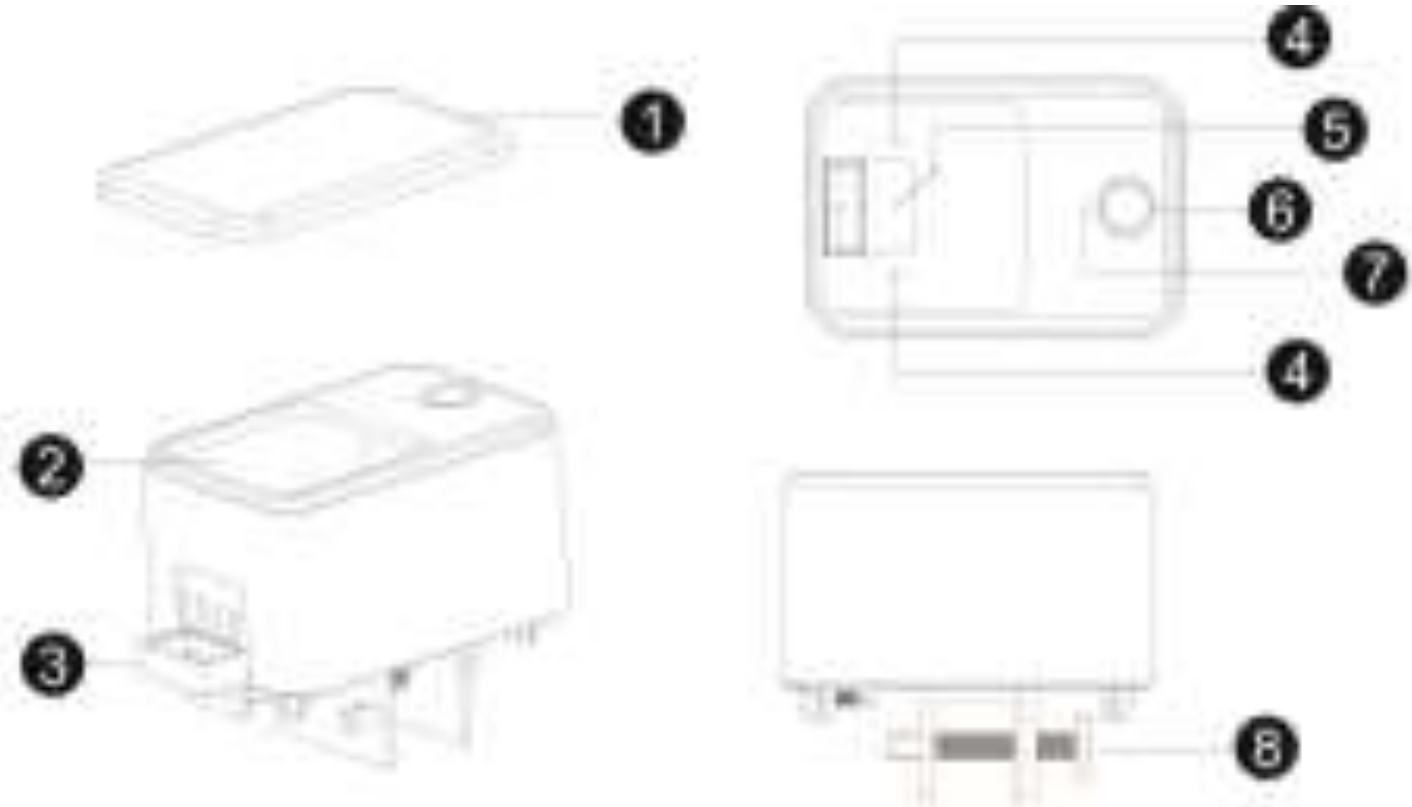
Smart Fish Feeder

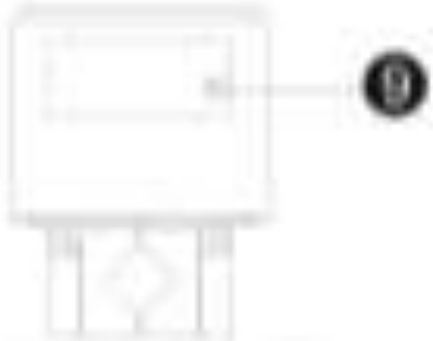
User Manual

(Ver.3.3)

■ Product View



(WP8821 and WP8802 Series General Parts)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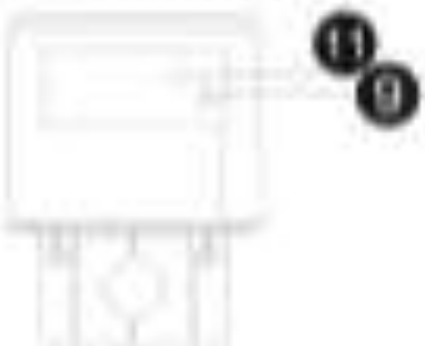
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Note:The picture is only for reference, please make the object as the sta ndard.

Item	Part Name	Description
1	Lid	
2	Fish Food Warehouse	
3	Feed Bin	To discharging fish food. Default in medium bin, the large bin ,the small bin and mini bin are additionally configured
4	Infrared Detection Tube	Reminding when it is lack of food
5	Stir the fish	Stir the food when discharging

	food		
	Button	A.Click to feed B.Click again to pause C.Double click to return the feed bin to the food warehouse	
	Indicator Light	Red	Working: The red light is steady on when feeding the fish.
			Charge indicator and low battery indicator (ONLY applicable for WP8621P/WP8621F/ WP8622L) A. The red light blinks slowly when charging and it goes off when full charged.

			B. If the battery is low, the red light flashes quickly when feeding the fish.
		Blue	Network matching for WP8621 Series
			Bluetooth Connection for WP8622 Series
9	Clamp	Used to fix the fish feeder to the tank	
	Input	DC 5V/1A （Applicable for WP8621N and WP8622 Series）	
		DC 5V/2A（Applicable for WP8621E/WP8621P/ WP8621F）	
		DC24V/2A（Applicable for WP8621C/WP8621H）	
10	DC5V output		
11	Reset Hole	When the device does not respond,	

		try to insert the pin/toothpick into the reset hole for 3 seconds and then release. （ ONLY applicable for WP8621P/WP8621F /WP8622L ）
12	DC24V output	
13	5PIN output	

■ Automatic feeding

(1) Press the button, the feed bin will stretch out and start discharging food. At the same time, the red light will be on, and it will automatically return the feed bin to the food warehouse when it reaches the maximum distance. When the red light is off, automatic feeding is completed.
(2) When the feed bin is out, press the button again to pause the operation.
(3) When the feed bin is out, if need to withdraw feeding, double click the button to return the feed bin to the food warehouse.

◎ After connecting the device via WiFi or Bluetooth, it is more convenient to make schedules for regular feeding in APP.

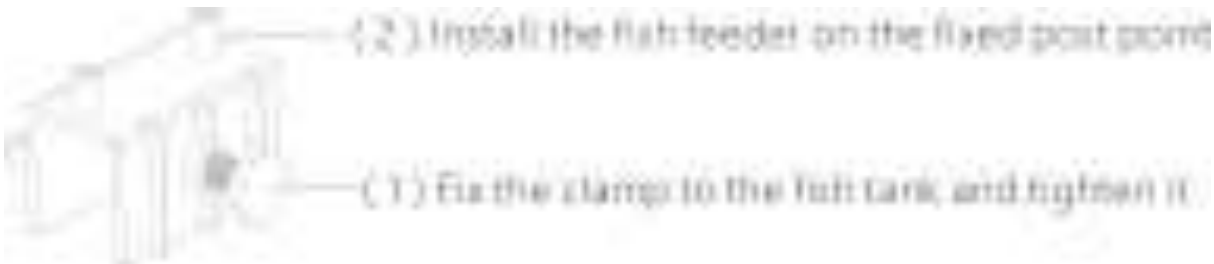
■ Replace the feed bin

Tips:① Please select the appropriate feed bin according to the fish food. Since the bin is driven by the motor, the stretching strength is a little strong. Be careful with clamping hands when replacing the bin.

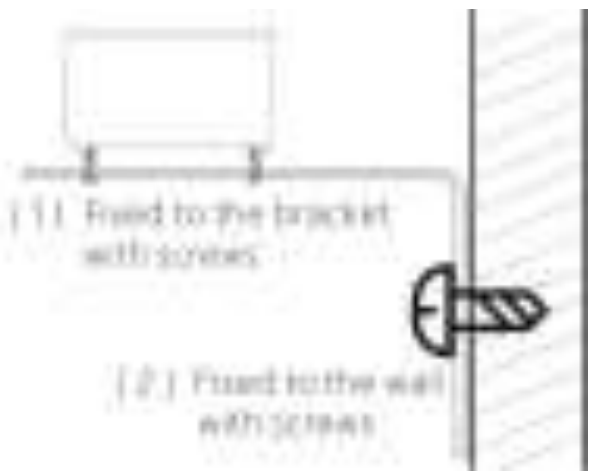
②Regularly check whether the fish food holes are wet and sticky, and clean them.

■ Fix and Install

(1) Method 1



(2) Method 2



(screws and bracket not including)

■ “XiaoMei Smart” APP Quick Operation for WP8621 Series

1. Download APP

Scan the QR code or search "XiaoMei Smart" in the app store to download and install

Note :APP is updated frequently.

If the content is different, please refer to the APP

2. Connect to power

Please connect to the external power supply, and the blue indicator quickly blinks into the network matching state.

Special note:
ONLY Lithium battery supplied of WP8621P and WP8621F is limited to manual emergency opening and closing and reservation after power failure, and cannot provide network match, network operation and other services. In normal use, it must be connected to external 5V/2A power supply.

3. Network matching

● For a smoother connection, please keep your phone as close as possible to the device when connecting it.

● Before adding a device, please make sure that the mobile phone has been connected to a Wi-Fi network in the 2.4GHz band.

（1）Open the "XiaoMei Smart" APP, register and login(Allows APP to get mobile-related permissions), and then click the upper right corner⊕ on the homepage to add device.

A：Automatic search device: Turn on the Bluetooth of the mobile phone and click the device in the list to connect it.（(Select the Smart Fish Feeder model according to the actual product, only WP821N/ WP8621E/WP8621F/WP8621H support Bluetooth automatic search)）

B：Manually add a device: Select by product category (Pet supplies) and Smart Fish Feeder model according to the actual product and then follow the prompts to continue.

（2）The blue light flashes slowly when it is distributing network. When the network is configured successfully, the blue indicator is steady on. If the network configuration fails, please hold the button until the blue light flashes quickly, and then the network will be re-configured.

■ “VSON” APP Quick Operation for WP8622 Series

1. Download APP

Scan the QR code or search "VSON" in the app store to download and install.

Note :APP is updated frequently.

If the content is different, please refer to the APP

2. Connect to power

（1）Please connect the DC 5V input to the external power supply, and the blue indicator quickly blinks into Bluetooth connection state.

（2）Supplied by lithium battery, ONLY applicable for WP8622L. Without any operation, the device will go to sleep. Press the button to waken and then connect.

3. Bluetooth paring

Turn on the Bluetooth of the mobile phone and open the “VSON” APP and allows APP to get mobile-related permissions，and then click the upper right corner⊕ on the homepage to add device.

A：Automatic search device: Click the device in the list to connect it.

B：Manually add a device: Select by product category (Pet supplies) and Smart Fish Feeder model according to the actual product and then follow the prompts to continue.When Bluetooth connection is successful, the blue indicator is steady on.

■ Parameters

Dimension：111*96.5*76mm

（1）WP8621 Series

Wireless Connection：Wi-Fi

System Requirement ：iOS 12.0 or above /Android 8.0 or above

Model：WP8621N

Input：DC 5V/1A

Model：WP8621E

Input：DC 5V/2A

Output：DC 5V

Model：WP8621P and WP8621F

Emergency Power Supply：1200mAh Lithium Battery

Charging temperature：0~40℃

Input：DC 5V/2A

Output：DC 5V

Model：WP8621C and WP8621H

Input：DC 24V/2A

Output 1：DC 24V

Output 2：DC 5V

Output 3：5PIN

（2）WP8622 Series

Wireless Connection：Bluetooth

System Requirement ：iOS 12.0 or above /Android 8.0 or above

Model：WP8622

Input：DC 5V/1A

Model：WP8622L

Input：DC 5V/1A

Battery：1200mAh Lithium Battery

Charging temperature：0~40℃

FCC WARNING

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.

To maintain compliance with FCC’ s RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.