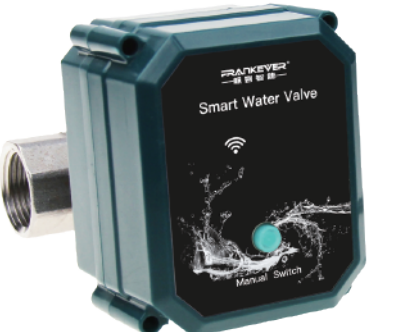
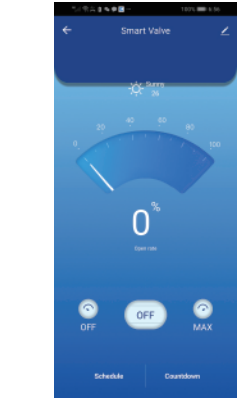
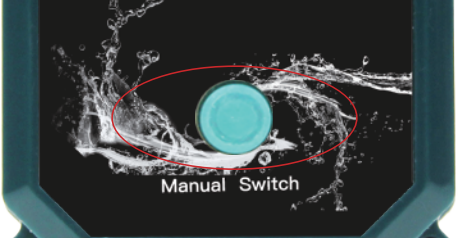
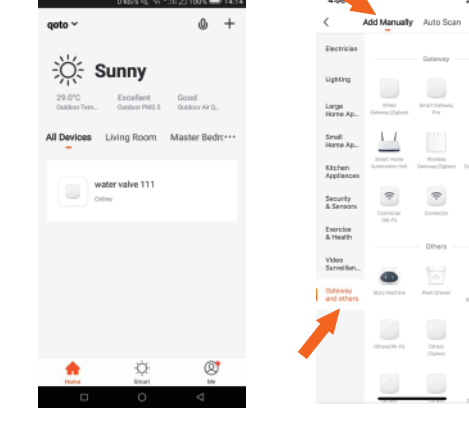
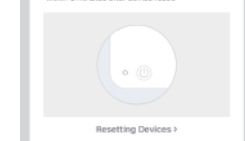
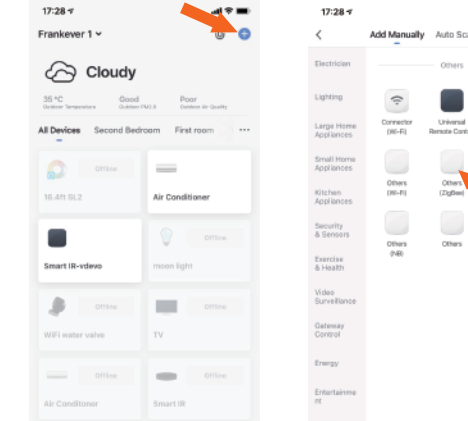
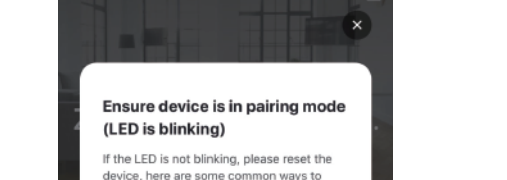
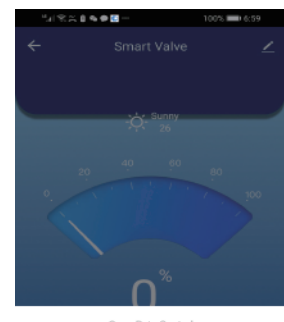
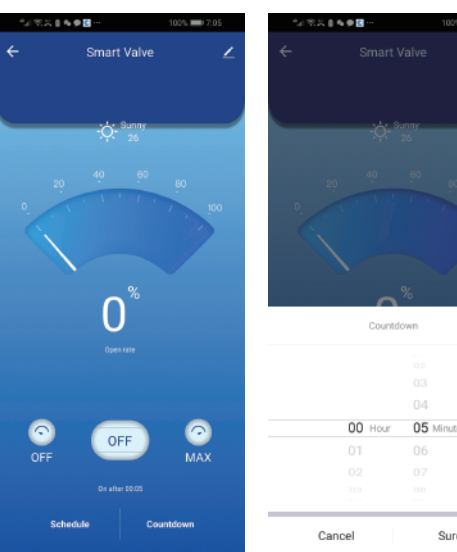
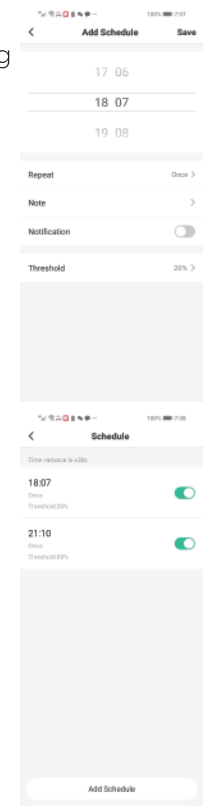
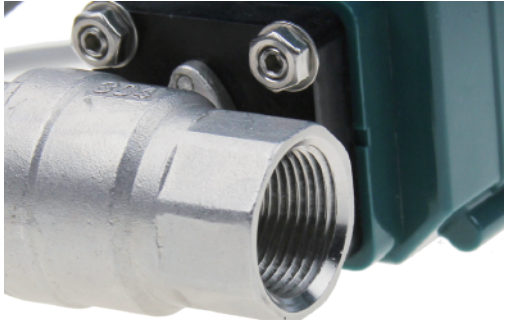
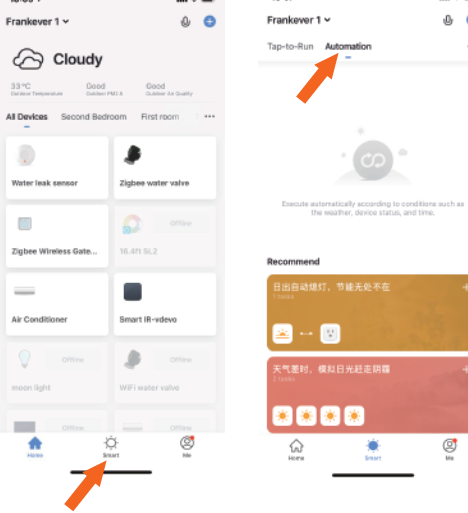
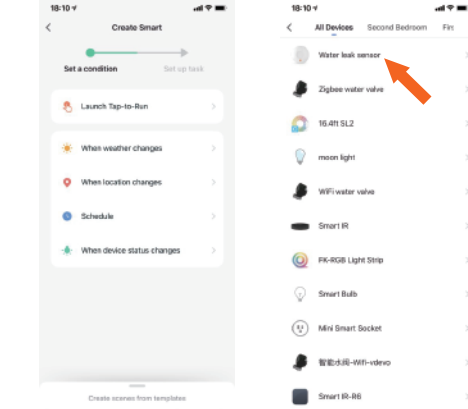
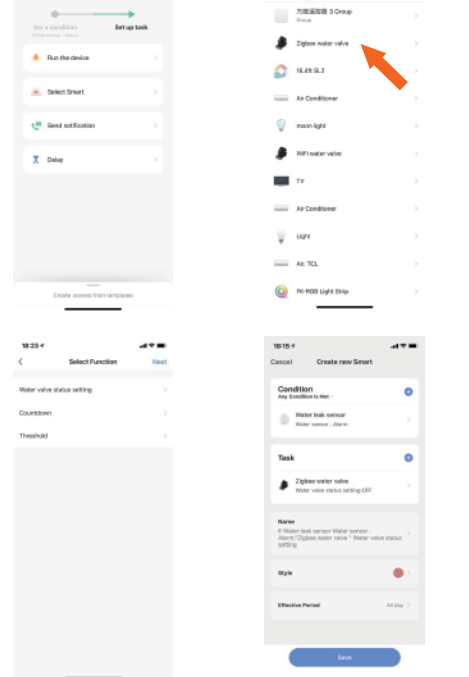
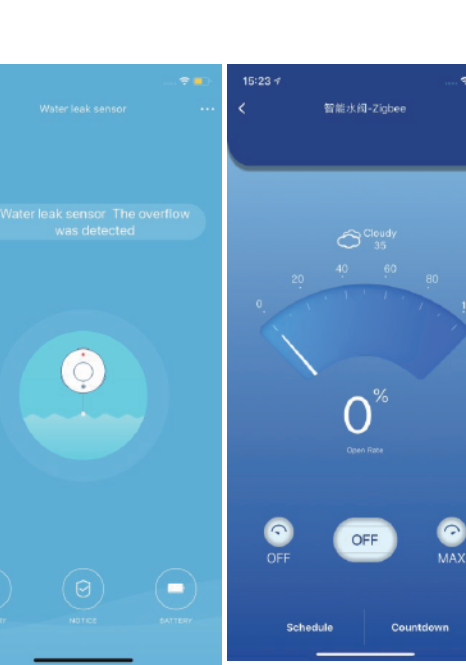
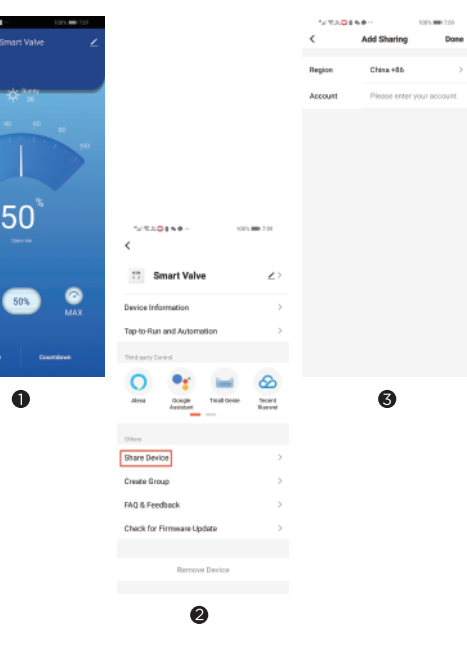
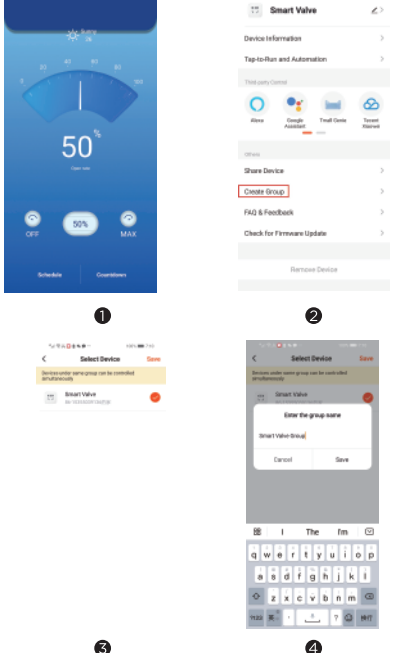


FRANKEVER® FRANKEVER Smart Water Valve User Manual  CONTENTS - Product Description - Product Specifications - Installation Tutorial - 1 -	Product Description • Summary FRANKEVER Smart Water Valve  - DC 5V/2A power supply by adaptor - Mobile APP using MCU microcomputer control technology - Timing regularly closing and multi-angle opening function - Waterproof : IP67 - 2 -	Model No.: FK-V02 Materials: SS304 & Engineering Plastics Valve Size: DN15,DN20,DN25,DN32 Screw Thread: NPT BSP Max pressure: 1.0Mpa Input Voltage: DC5V Support Ambient Temperature: -30℃~60℃ Frequency of Timing: Unlimited times per day, the interval between the maximum period is once a week. Controller Operation: App manual control, Field manual operation, APP cloud timing, Countdown - 3 -	Product Specification  INPUT: DC5V/2A  OUTPUT: APP Interface - 4 - • Use waterproof Aviation socket, safe and secure  ① Use Aviation socket, safe and secure.  ② With USB interface, user need to match a 5V2A adapter (the adapter of the phone can also use) - 5 -	• Key Function  Link WiFi: Long press for 5 seconds; link WiFi and mobile phone to match network Local Operation Function: A: When the water valve is in the closed position, press the (setting button) water valve to open the position operation until the full open position. B: When the water valve is in the open position, press the (setting button) water valve to close the position operation until the fully closed position. - 6 -	Installation Tutorial For WiFi type water valve • Download APP "Smart Life" and Register as Member  ① Enter to the APP and press "+" at the upper right to add new item. ② Press "Add Manually" (Gateway and others) - "Connector (Wi-Fi)" to add a new item. Be careful: Keep the device as close to the router as possible. - 7 -	Reset the device first. Press the reset button and hold it for 5 seconds until the LED light is flashing. ① Connect the item as picture shown.  ② Set to link WiFi Note: The name and password must be right for the WiFi ON/OFF Button Press the button for 5 seconds, move your finger and wait a few seconds till the LED light turn to blue flicker. Then "CONFIRM" to next step. - 8 -	Adding device... Ensure that the Wi-Fi signal is good. ① Matching interface of device and APP  ② Connected successfully - 9 -	Installation Tutorial for Zigbee version water valve (Ensure you have zigbee gateway together, which requested to use together with our water valve) • Download APP "Smart Life" and Register as Member  ① Enter the App and press "+" at upper right corner to add gateway ② Choose "Others (Zigbee)" from "Other" area - 10 -	Reset the device first. Press the reset button and hold it for 5 seconds until the LED light is flashing. ① Pairing with gateway when the red led light in quickly flash  ② After gateway pairing done, enter into the main page of Gateway, continue to add the water valve from "Add Subdevice" - 11 -	Ensure the water valve blue light in quickly flash, then press "More device reset methods" ③ More device reset methods  - 12 -	Press "Others" and start to pair, until you see the water valve on your repairing page, then its done. ④ Others  - 13 -
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Performance Specification - Turn On and Off Function - APP Control - APP Cloud Timing Function - Power Failure Protection Function - Automation Function - 14 -	Turn On and Off Function - Water valve close: From open to close (0%) accuracy is 5% - Water valve open: From close to open fully (100%) accuracy is 5% - Controlled by button or mobile app  Cancel OK - 15 -	APP Control Setting Icon: From 0-100%, the flow rate can be set arbitrarily with 5% accuracy Current Water Value: Indicates the current water valve opening status  Off: Close the water valve, the setting value is 0% Max: Open the water valve, the setting value is 100% - 16 -	Countdown Function Click the Countdown button to set the watering time you need  Cancel Sure - 17 -	APP Cloud Timing Function (Schedule function) • Cloud Timing Opening - Set Start or End Time - Set Valve Position according to your needs - Set finished Cloud Timing Success Interface (unlimited frequency)  - 18 -	Fault Alarm Function Power Failure Protection Function: If the power is cut off suddenly, the water valve will automatically close within 2 seconds  Automation Function How to use automation function with smart water leak sensor: (Kindly notice: make sure your water sensor in same protocol as water valve. Zigbee water valve request Tuya zigbee water sensor, and our with water valve request Tuya wifi water valve request Tuya wifi water sensor!) - 19 -	Step 1: Make sure you already paired the water sensor and water valve in same app successfully. Step 2: Press "smart" then in "Automation" page. Then press "+" at upper right corner to create a task  Step 3: Set a condition on water leak sensor - 20 -	  - 21 -	Step 4: Set up task for water valve, then you can see the task details, and water valve will do action automatically.  - 22 -	 - 23 -	Device Sharing  - 24 -	Steps For The Device To Be Shared With Other Members (who are already members): After the steps are completed as shown in the following figure, will be sent a system message to the person who you are shared then they just need to confirm join  - 25 -	Group Function: Follow the steps below to add any device to your app, you can also name it arbitrarily.  - 26 -	FRANKEVER®  Smart life  Smart life   - 27 -
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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 distance between 20cm the radiator your body: Use only the supplied antenna.