FRANKEVER FK_UFO-R6

FRANKEVER Smart WiFi-IR Remote Control Universal-Hub

Model: FK_UFO-R6

PRODUCT OVERVIEW

The FRANKEVER Smart WiFi-IR Remote Control Universal-Hub is an advanced device designed to centralize control of your infrared (IR) appliances. It features a built-in temperature and humidity sensor, allowing for smart automation based on environmental conditions. Compatible with popular voice assistants like Alexa and Google Home, this hub simplifies your home entertainment and climate control experience.

Figure 1: The Smart WiFi-IR Remote Control Universal-Hub, its USB power cable, and a view of the accompanying mobile application

KEY FEATURES

- **Universal IR Control:** Controls a wide range of infrared-controlled devices such as TVs, DVD players, air conditioners, set-top boxes, and more.
- **Built-in Temperature & Humidity Sensor:** Monitors ambient temperature and humidity, enabling smart automation scenarios.
- **Voice Control Compatibility:** Seamlessly integrates with Amazon Alexa and Google Home for hands-free operation.
- **Mobile App Control:** Manage all your devices from anywhere using the Smart Life or Tuya application.
- **Easy Setup:** Simple installation and connection process via 2.4GHz Wi-Fi.
- **DIY Functionality:** Allows users to simulate infrared remote controls for unsupported devices.

Figure 2: Visual representation of the hub's key features, including its Type-C port, remote control capabilities, timing control, voice control, and integrated temperature and humidity sensors.

SETUP AND INSTALLATION

1. Package Contents

- Smart IR Controller (FK_UFO-R6) x1

- Type-C USB Cable x1
- Power Adapter x1 (if included with your specific package)

High-Grade Integrated Precision Built-in Temperature and Humidity Sensor

Figure 3: An exploded view of the device, highlighting the high-grade integrated precision built-in temperature and humidity sensor, which ensures accurate environmental monitoring.

2. Powering On the Device

1. Connect the provided Type-C USB cable to the hub and a power source (e.g., the included power adapter or a USB port).
2. Ensure the device is placed in a central location within the room, with a clear line of sight to the IR-controlled appliances you wish to manage. Avoid placing it behind obstacles.
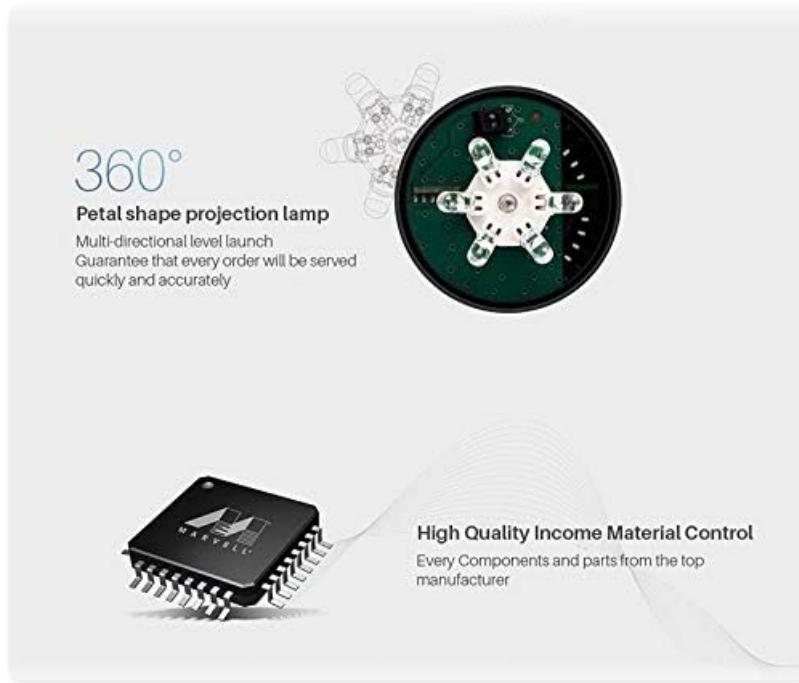
Figure 4: Illustration of the device's 360-degree IR emission capability, ensuring wide coverage for controlling appliances in various directions.

3. App Download and Connection

1. Download the "Smart Life" or "Tuya" application from your smartphone's app store (available on iOS and Android).
2. Register or log in to your account within the app.
3. In the app, tap "Add Device" or the "+" icon.
4. Select "Universal Remote Control" from the list of devices.
5. Press and hold the reset button on the Smart IR Hub for a few seconds until the network configuration indicator (usually a blue LED) flashes rapidly.
6. Confirm the indicator is blinking rapidly in the app and proceed.
7. Enter your 2.4GHz Wi-Fi network password. *Note: Only 2.4GHz Wi-Fi networks are supported.*
8. The app will begin searching for and connecting to the device. Keep your router, mobile phone, and the device as close as possible during this process.
9. Once connected, the device will appear in your app's device list.

Your browser does not support the video tag.

Video 1: This video demonstrates the step-by-step process of connecting the FRANKEVER Smart IR remote control to the mobile application and then using it to control a television and an air conditioner. It also shows the integration with Alexa for voice commands.

OPERATING INSTRUCTIONS

1. Adding and Controlling Devices via App

1. In the Smart Life/Tuya app, tap on the "Smart IR" device.
2. Tap "Add Remote Control" or the "+" icon to add a new appliance.
3. Select the type of device you want to control (e.g., TV, Air Conditioner, STB, DVD, Fan, Light, Projector, Audio).
4. Choose the brand of your appliance from the provided list. The app will attempt to find a matching IR code library.
5. Follow the on-screen prompts to test the remote functions. If the pre-set codes do not work, you can use the DIY function to learn signals from your original remote.
6. Once configured, you can control your appliances directly from the app interface.

Figure 5: This image illustrates how the mobile phone, paired with the Smart IR Hub, can replace numerous traditional remote controls, simplifying your home entertainment setup.

2. Voice Control with Alexa/Google Home

1. Ensure your Smart Life/Tuya account is linked to your Alexa or Google Home app.

   - Open the Alexa or Google Home app.
   - Navigate to "Skills & Games" (Alexa) or "Works with Google" (Google Home).
   - Search for "Smart Life" and enable the skill/service.
   - Link your Smart Life/Tuya account by entering your credentials.
   - Discover devices. Alexa/Google Home will find the devices you've added to the Smart Life/Tuya app.

2. Once linked, you can use voice commands such as:

   - "Alexa, turn on the TV."
   - "Hey Google, set the AC to 22 degrees."

- "Alexa, change channel to CNN."
- "Hey Google, turn off the DVD player."

Figure 6: This image demonstrates the hub's compatibility with Amazon Alexa and Google Assistant, allowing for voice control of various IR devices.

3. Smart Automation with Temperature & Humidity Sensor

The built-in sensor allows you to create smart scenes and automations:

- In the Smart Life/Tuya app, navigate to "Smart" or "Scenes".
- Create an automation:

    - Condition: If temperature rises above X degrees, or humidity goes above Y%.
    - Action: Automatically turn on the air conditioner, or turn on a humidifier/dehumidifier (if controlled by the hub).

Figure 7: This image highlights the integrated temperature sensor, enabling the hub to monitor room temperature and trigger actions like turning on an air conditioner for optimal comfort.
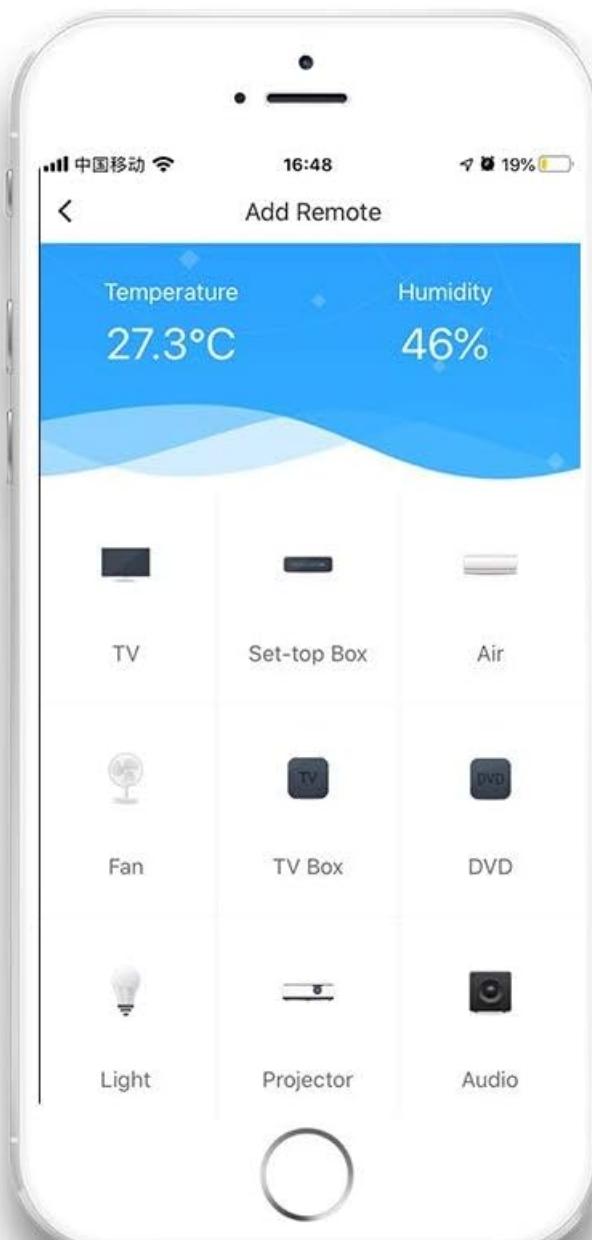
With Temperature + Humidity Sensor

Figure 8: The mobile app interface clearly displays real-time temperature and humidity data, allowing users to monitor their environment and set up smart automations.

MAINTENANCE

- Keep the device clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the device to extreme temperatures, direct sunlight, or moisture.
- Do not attempt to disassemble or repair the device yourself, as this will void the warranty.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not connecting to Wi-Fi.	Incorrect Wi-Fi password; 5GHz Wi-Fi network; device too far from router.	Ensure correct 2.4GHz Wi-Fi password. Move device closer to router. Reset device and try again.
Cannot control appliance.	No clear line of sight; incorrect IR code selected; device not powered on.	Ensure device has clear line of sight to appliance. Try different IR codes for the brand. Use DIY function to learn from original remote. Check power connection.
Voice control not working.	Smart Life/Tuya skill not enabled; account not linked; incorrect voice command.	Verify Smart Life/Tuya skill is enabled and account is linked in Alexa/Google Home app. Use precise voice commands.
Temperature/Humidity readings are inaccurate.	Device placed near heat/cold source; sensor obstructed.	Relocate the device away from direct heat sources (e.g., sunlight, vents) or cold drafts. Ensure sensor is not covered.

SPECIFICATIONS

Model: FK_UFO-R6

Dimensions: 2.68 x 2.68 x 0.67 inches

Item Weight: 2.46 ounces

Power Input: DC 5V/1A

Wireless Type: Wi-Fi 2.4GHz

IR Frequency: 38K kHz

IR Direction: Multi-directional (360 degrees)

Operating Temperature: -10°C to 50°C (14°F to 122°F)

Operating Humidity: 0% to 95% RH (non-condensing)

Compatibility: Android 4.4 or higher, iOS 8.0 or higher

Max Number of Supported Devices: 30

WARRANTY AND SUPPORT

This FRANKEVER product comes with a 12-month warranty from the date of purchase. For any questions, technical assistance, or warranty claims, please contact FRANKEVER customer support.
Contact Information:

Email: service@tuya.com (as per Smart Life skill information)

Online Support: Refer to the "Help & Feedback" section within the Smart Life/Tuya app.

User Guide (PDF): A detailed user guide is available for download at
https://manuals.plus/m/53f46eeec60ae7276a41ca3aedb7f805904d15f175086e6c2a49c7c44fa34783

FRANKEVER is committed to providing 24/7 professional instructions for installation and use.