espressif/esp-bsp/docs/getting_started.rst (Continuous Integration (PC)) updated Latest commit ea1ba1 2 hours ago History

zh-CN translation

Raw Blame 1278 Lines 1278 sloc | 55.2 MB

中文版本

The guide is applicable to ESP32-S3-BOX-Lite and ESP32-S3-BOX-Lite kits with the latest version of firmware flashed. They are collectively referred to as BOX series of development boards in this guide.

## Getting Started

The BOX series of development boards integrated with ESP32-S3 SoCs provide a platform for users to develop the control system of smart home products. The development boards support Espressif's Wi-Fi and Bluetooth Low Energy connectivity, and provide a wide range of peripherals. The BOX series of development boards come with a pre-built firmware that supports voice wake up and offline speech recognition in Chinese and English. The ESP-BOX SDK features reconfigurable AI voice interaction, allowing you to customize commands to control home appliances. The ESP-BOX SDK also includes what you can do with the latest version of firmware to help you get started. After you read through the guide, you may start developing an application by yourself. Now, let's begin!

**The BOX Kit contains:**

| ESP32-S3-BOX | ESP32-S3-BOX-Lite |
|---|---|
| A main unit that can work on its own | A main unit that can work on its own |
| An RGB LED module and Dupont wires for testing | An RGB LED module and Dupont wires for testing |
| Dock, an accessory that serves as a stand for the main unit | N/A |

**Required Hardware:**

Please find yourself a USB-C cable.

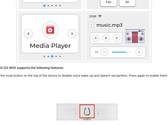
### Connect the RGB LED Module to Your Device

Please refer to the pin definition table, and connect the RGB LED module to the BOX using DuPont wires. The module has four male pins, 5, 3, 8, and GND. Please connect them to the female ports G38, GND, GPI, and GND on PMOD 1.

2. Once the device is powered on, the screen will play little Espressif logo boot animation.

### Let's Play Around!

1. The first two pages of the quick guide introduce what the buttons do on your BOX series of development boards. Tap Next to go to the next page.




2. The last two pages of the quick guide introduces how to use AI voice control. Tap Do Later to enter the menu.

Steps for Voice Assistant
1. Say "Hi E, S-T" to wake up the device.
2. Wait for the "Hi ESP" blinks on screen.
3. Say command, like "turn on the light".
Skip
Do Later
Default Command Words:
1. Say "Turn On/Off the Light" after hearing "Turn On/Off the Light".
2. Say "Turn On/Off the Light" after hearing "Turn On/Off the Light".
"Turn on the light"
"Turn off the light"
"Turn on the light"
"Turn off the light"
"Turn on the light"
"Turn off the light"