

User Manual

Before using it, pls read this carefully!

1. Installation Instructions

The ESP32 WIFI kit 32 is Based on ESP32 chips, the underlying driver and compilation environment for ESP32 is required.

https://github.com/Heltec-Aaron-Lee/WiFi_Kit_series

How to Install ESP32 Arduino Development Environment:

https://docs.heltec.cn/#/en/user_manual/how_to_install_esp32_Arduino

2. What' s the Upgrade of New WiFi Kit 32?

https://docs.heltec.cn/#/en/user_manual/the_upgrade_of_new_wifi_kit_32

3. ESP32 library (must work with Heltec ESP framework):

https://github.com/HelTecAutomation/Heltec_ESP32

ESP32 & ESP8266) framework:https://github.com/Heltec-Aaron-Lee/WiFi_Kit_series

4. ESP Arduino Products Difference Table:

https://docs.heltec.cn/#/en/products/esp_arduino/heltec_esp_arduino_list_eu

5. User Test Port:

<https://www.instructables.com/id/WiFi-Kit-32-NTP-Clock>

6. Common Problems:

https://docs.heltec.cn/#/en/faq/heltec_esp_series_common_problem_summary

USB Cannot be recognized?

Using a better usb cable, install driver from:

https://docs.heltec.cn/#/en/user_manual/establish_serial_connection

7. Pin out Diagram:

https://github.com/Heltec-Aaron-Lee/WiFi_Kit_series/blob/master/PinoutDiagram/WIFI%20Kit%2032.pdf

8. Schematic Diagram:

https://github.com/Heltec-Aaron-Lee/WiFi_Kit_series/blob/master/SchematicDiagram/WIFI_Kit_32_Schematic_diagram.PDF

9. Interesting Application made by ESP32 WIFI Kit 32:

WiFi Kit 32 NTP Clock: <https://www.instructables.com/id/WiFi-Kit-32-NTP-Clock>

WiFi Kit 32 Based Network Scanner:

<https://www.instructables.com/id/Heltech-WiFi-Kit-32-Based-Network-Scanner>