UNIHIKER

User Manual

Please read this manual carefully before using this product.
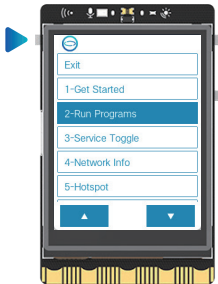
Connect to a computer and wait for the logo to appear.

USB cable
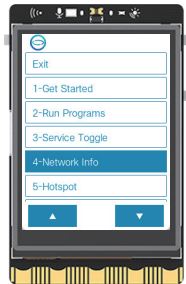
How to run the demo programs?

❶ Press the **Home button** to access the "Menu".

❷ Select the **"Run Programs"** option, and find a ".py" file in the **"demo folder"**.

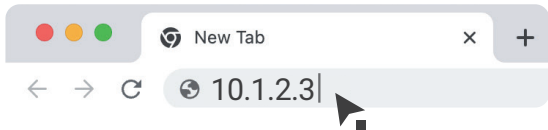**❸** Press the **Home button** to run or stop it.

Exit

1-Get Started
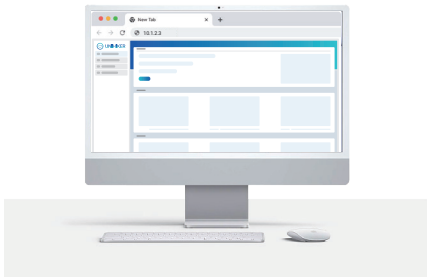
2-Run Programs

3-Service Toggle

4-Network Info

5-Hotspot

❶ Select the "**Network Info**" option from the "Menu".

❷ View the **IP address.**

❸ You can open UNIHIKER's local web page by entering the IP address "**10.1.2.3**" in your browser.

| New Tab | × | + |

← → C 🌐 10.1.2.3

❹ Select "**Network Settings**" to Connect to **your Wi-Fi**.

❶ **Connect to** a **5V power adapter** and wait for the logo to appear.

USB cable

DC 5V

UNIHIKER

❷ Connect UNIHIKER via **Wi-Fi** for use.

Please visit **https://wikien.unihiker.com** for more information.

Tech Specs

Microphone

Wi-Fi/Bluetooth

Home-Button

Touch screen

Light sensor

Push-Button

UNIHIKER

Edge connector

0   1   2   3V   GND

I2C

MicroSD card slot

USB port

I/O pins

Buzzer

Accelerometer

Gyroscope

Specification

Size	51.6mmx83mmx13mm	Sensor	Button
CPU	Quad-Core ARM Cortex-A35, up to 1.2GHz		Microphone
			Light Sensor
RAM	512MB		Accelerometer Sensor
Flash	16GB		Gyroscope Sensor
OS	Debian	Actuator	Led, Buzzer
Wi-Fi	2.4G	Port	USB Type-C,USB-A
BT	Bluetooth 4.0		MicroSD
Display	2.8inch, 240x320, Touch Screen		Gravity 3pin&4pin port
			Edge connect
MCU	GD32VF103	Power	5V 2A for USB Type-C

Instructions for safe use

To avoid malfunction or damage to your UNIHIKER please observe
the following:

- **Do not** expose to water or moisture.
- **Do not** place on a conductive surface whilst in operation.
- **Do not** expose to heat from any source;the UNIHIKER is designed for reliable operation at normal ambient room temperatures.
- Take care whilst handling to avoid mechanical or electrical damage to the printed circuit board and connectors.
- Avoid handling the printed circuit board while it is powered Only handle by the edges to minimize the risk of electrostatic discharge damage.

FCC Statement

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.

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 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.

WARNING: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

The device must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

FAQ

Q:	A:
Can not boot up.	Check the power supply connect tight again, and the voltage is within the required range.
Wi-Fi connection failed.	Please check whether the password is entered incorrectly, and try again several times after checking.

If you meet the problem that cannot be resolved,please visit:
https://wikien.unihiker.com/faq
Or send email to:
unihiker@dfrobot.com
Please describe the problem as specific as possible.

Contact Us

Address:

Room 603, 2 Boyun Road, Pudong, Shanghai P.R.China

@UNIHIKER

@UNIHIKER

unihiker@dfrobot.com

https://www.unihiker.com

https://wikien.unihiker.com

Due to continuous improvement of the product,
if there were any changes, sorry for no further notice.