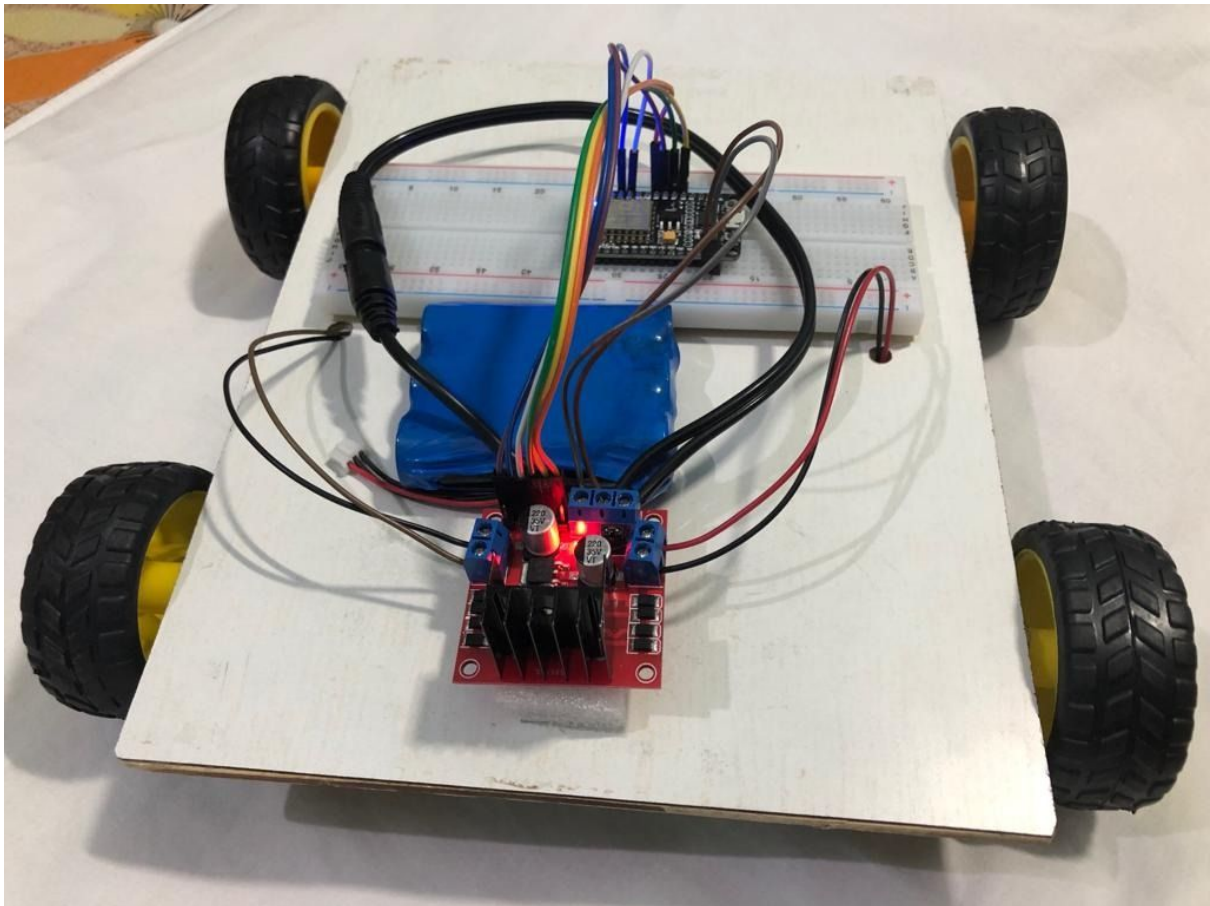


Introduction

Thank you for purchasing Revoluno Venture, by Revoluno Technologies!

Venture is a next-generation remote controlled car that is built to support the upcoming technology of wireless communication. It is loaded with an advanced micro controller unit with System on Chip - ESP8266, which makes it operable over the mobile application software.

Take your time to read this user manual carefully and kick-start your adventures with the Venture WiFi car!



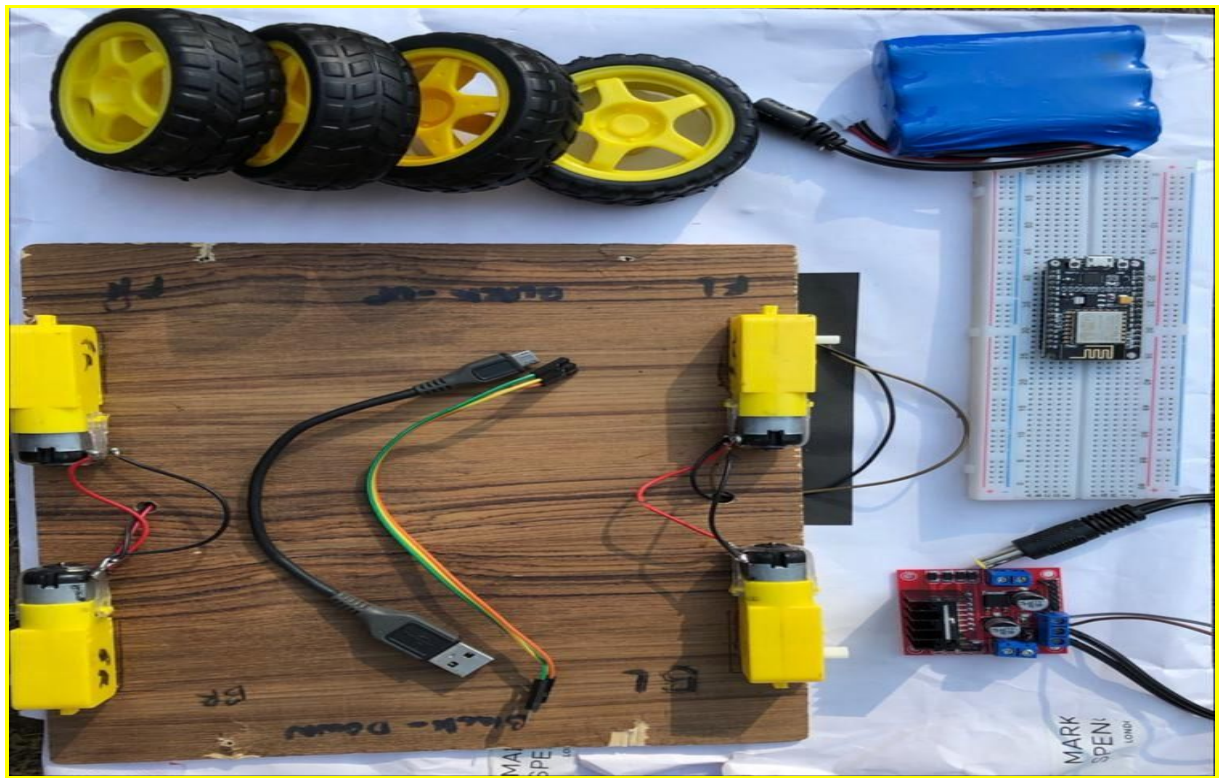
Product Overview

The venture comes with the amazing package of fun that is :

- Fully configured NodeMCU robot car for operation.
- A battery pack
- A user guide
- An SD card (memory)
- A utility kit

Steps to set up the Venture Wifi Car

- Place the Venture on an elevated surface
- Attach the battery pack with DC connector
- The Venture indicates with two lights
 - Blue light on NodeMCU
 - Red on Motor driver
- Search for “Venture” as wifi name and enter “adventure” as password
- Download and install the application “[NodeMCU-Car](#)” on your Android smartphone.
- After Connecting to the “Venture” WiFi hotspot, open the application.
- Finally place the Venture car on the ground and you are good to explore.



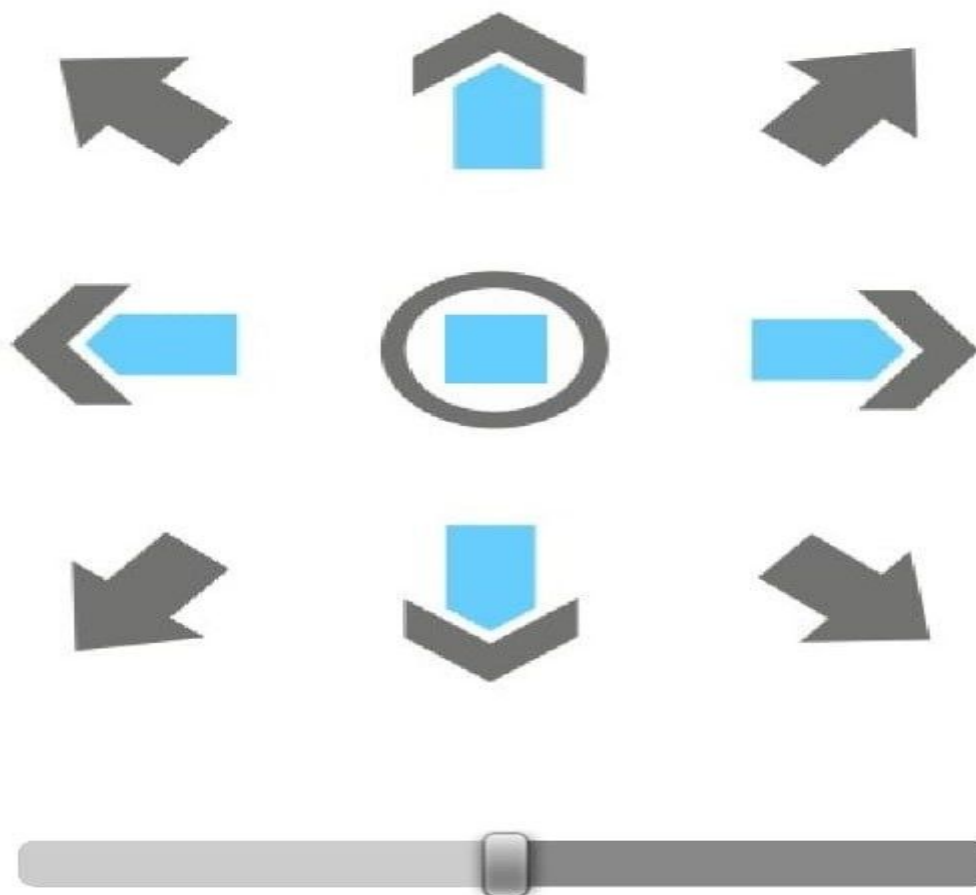
About the Application

This is how the application looks like when it is started

NodeMCU_Car

IP Address

192.168.4.1



There are various options available for the user:



Up arrow - Indicating to move in the forward direction



Right arrow - Indicating to move in the right direction



Left arrow - Indicating to move in the left direction



Down arrow - Indicating to move in the reverse direction

The Slider - you can find this at the bottom of the application



This option permits the user to customise the speed of the Venture.

Product Features

Speed Variation

To vary the speed of the car, slide the cursor given at the bottom of the application (refer to the image below).

- To increase the speed of the car slide the cursor to the right side.
- To slow down the speed, drag the cursor to the left side.

In this way you can simply change the intensity of the car.



Long Term Power

The lithium-ion battery has a great amount of power that has +12V voltage and 2.67A current so that you can enjoy adventuring with the car continuously for 3 hours, and after that you can get recharge within just 3 hours!

Rotation at the Position

The car has the special functionality of rotating at a single position single left or right arrow is pressed continuously.

Important Battery Information

- Remove the battery when the car is not in use.
- Batteries are to be replaced by adults only.
- Do not expose the battery to fire or direct sunlight.

Low Battery Indications

In case, the car moves slower than normal, charge the battery as the power might be too low to rotate the wheels of the Venture.

Troubleshooting

- Check if the connector of the motor driver is connected properly to the battery. In case the connection is loose, the car might not get the power so make sure the connection is firm between the two connectors.
- Battery replacement- If the car is not working there can also be an issue of battery as the battery might have gotten worn out with time. So in this case there is need of replacement of the battery. Contact us and we'll get it replaced for no charge!
- Wifi connection- In case the application buttons are not moving the car, inspect the connection of phone with NodeMCU wifi
- Ip address: Make sure that IP address on the application is 192.168.4.1 as this enables the communication of application with NodeMCU wifi.

Most frequently asked Questions (FAQs)

Q. Venture WiFi does not show up in the settings when I try to connect?

This means that your Revoluno Venture is not powered on. Make sure that the battery pack is not out of charge and is properly connected, and the Venture is powered on; and try again. If the battery is charged and perfectly connected and your car still doesn't power on, that means your battery pack is faulty. Get in touch with us and we'll get your battery pack replaced free of charge!

Q. When I try to install the NodeMCU application on my device it says "incompatible with your device"?

The NodeMCU application is compatible only with Android OS versions 6 and above. Please install it on a device with the appropriate Android version. If you don't have one, get in touch with us and we'll arrange a full refund for you!

Q. Where can I find the application to control my Revoluno Venture?

Its installer is in the SD card given along with the kit. Lost your SD card? Don't worry! A link to download the application installer is available on our website revoluno.github.io

Q. My Revoluno Venture turns on, makes a sound, and then turns off!?

This can be caused by static build-up in the battery terminal connections. Remove the battery pack and re-insert it, and then restart your Revoluno Venture and it should be good to go again!

Q. My Revoluno Venture is driving slower than normal?

Ensure that the battery pack is charged and the surface is not too slippery or rough to act as a hindrance to normal functioning of the car. If this problem persists, that means your battery pack is faulty. Get in touch with us and we'll get your battery pack replaced free of charge!

Q. My Revoluno Venture sometimes has trouble tracking the signals from the mobile application?

This means that your mobile device is too far away from your Revoluno Venture. Move it closer and it will start tracking the signals perfectly again!

Q. The application shows me an error which says "https://192.168.4.1 url not found"?

This indicates that your phone is not currently connected to the Venture's WiFi. Connect your phone to the Venture Car's WiFi hotspot and the error will go away.

Utility Kit

- ❑ Screwdriver- To tighten any loose connection that might become a hindrance to normal functionality.
- ❑ Charger- For charging the battery pack when the battery gets low.
- ❑ SD card- Contains the application to control the RC car
- ❑ Spare wheel - In case the wheel gets wear and tear with passage of time.



Care & Maintenance

1. Keep the unit clean by wiping it with a slightly damp cloth.
2. Keep the unit out of direct sunlight and away from any direct heat source.
3. Remove the batteries when the unit will not be in use for an extended period of time.
4. Do not drop the unit on hard surfaces.
5. Do not expose the unit to moisture or water.

Product Warranty Regulations

This Warranty is applicable to the original purchasers of Venture. Warranty can be availed within the 6 months of the original purchase date. Warranty does not apply to any physical damage. If you are facing any trouble with the Venture you can simply drop a mail to support@venturecar.io or call our helpline at 1800-167-8717. After dropping the mail our support team will get back to you to resolve your issue and will provide you with complimentary service until the product covers the warranty period.

Product Warranty Card

Customer name	
Customer address	
Contact number	
Product number	
Date of Purchase	