

Get **10%OFF** On Your First Purchase

DF

Search



LOGIN/SIGN I

AE COMMUNITY WIKI BLOG

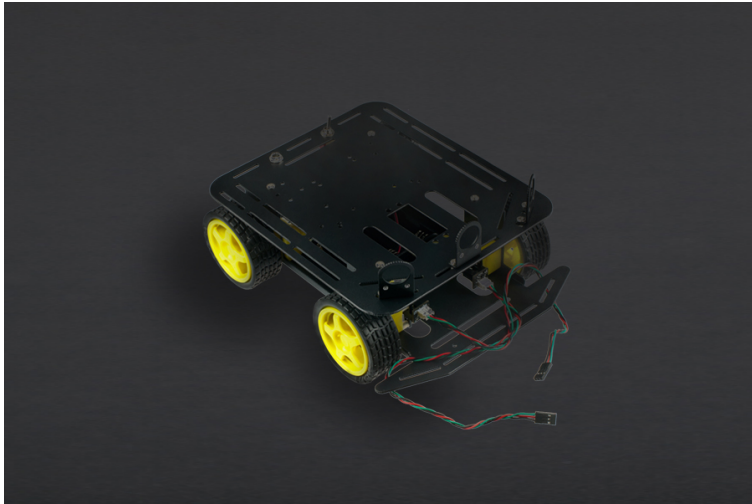
Launch Live Ajax Search

\$USD
€ EUR
£ GBP
\$ USD

WISH LIST



Baron-4WD Arduino Mobile Robot Platform with Encoder



Baron-4WD Arduino Mobile Robot Platform with Encoder

SKU:ROB0025

Brand:DFRobot

Reward Points: 30

\$49.90 In Stock

Price in Reward Points:4600

Categories: Robotics All Products Robot Platforms



Quantity: - 1 +

Frequently Bought Together

BUY IT NOW

ADD TO CART



Baron-4WD Arduino Mobile Robot Platform with Encoder



Gravity:TT Motor...

\$13.05



Gravity: DIY Remote...

\$160.00



D65mm Rubber...

\$6.95



D65mm Rubber...

\$6.95

Quantity Ba

QTY

2-4

5-9

10+

You have chosen:0
Total amount: \$0

BUY IT NOW

INTRODUCTION

The DFRobot 4WD Arduino-Compatible Platform w/Encoders is widely used on the world's self-dev. This drive method has a strong obstacle and climbing ability with high strength aluminum alloy body material to eliminate the heavy, fragile thin acrylic material defects. The powerful motor performance is especially suitable for outdoor grass, gravel, sand, or slope pavement. It is very useful for other research projects. Its car mounting holes is compatible with a variety of sensors. There is an easy way to install the battery. It is made with the consideration to facilitate the future expansion of PTZ camera manipulator. This platform comes with two sets of encoder can be precise control of the car trip, and

DFRobot Arduino Mobile Platform Review From customers

Baron-4WD Arduino Mobile Robot Platform with Encoder

\$49.90

In Stock

QTY	DISCOUNT
2-4	\$49.00
5-9	\$47.50
10+	\$46.00

Quantity:

- 1 +

BUY IT NOW

ADD TO CART



FEATURES

- Compatible with Hitec 311,422 servo and Pan/Tile Kit
- Compatible [Infrared Adjustable Distance Switch Sensor](#) installation
- Infrared sensors switch installed
- Look for line sensor installation
- [URM37 ultrasonic sensor](#)
- Compatible with standard sensor bracket on the [HCR \(Mobile Robot Platform\)](#) and standard head bracket

SPECIFICATION

- Voltage: +4.5 to 6V
- [TT Geared Motor specifications](#)
- Wheel diameter: 65mm (2.6 in)
- Dimensions: Length 230mm (9 in) Width 185mm (7.3 in) high 110mm (4.3 in)
- Weight: 614 grams (without batteries)
- Maximum load: 800g

DOCUMENTS

- [Wiki \(NEW A4WD Mobile Robot with encoder \(SKU:ROB0025\)\)](#)
- [Instruction Manual \(PDF\)](#)

SHIPPING LIST

- Body structural parts x1

- High-quality rubber wheels x4
- Micro Gear Motor x4
- Encoder Kit x1
- Power Switch x1
- Charging port x1
- Installation Line 1 above
- Cylinders x4
- Mounting screw x1
- Infrared proximity switch mounting bracket x3

REVIEW

0 Comments

DFRobot



Recommend

Tweet

Share

Sort I



Start the discussion...

LOG IN WITH

OR SIGN UP WITH DISQUS

Name

Be the first to comment.

ALSO ON DFRobot

Arduino Mega 2560 and ESP32 Home Automation

6 comments • 2 months ago



DFRobot Support — Hi,

We don't have code. You may contact the author IETI_Robert from hackster.io

Gravity: I2C Digital Wattmeter

3 comments • 7 months ago



DFRobot Support — Hi,

You can I2C multiplexer to expand the I2C address. check this <https://www.dfrobot.com/pro...>

esp32 projects, esp32 tutorial, esp32,How to make ESP32 Fall Detector

4 comments • 4 months ago



DFRobot Support — Get more information for ESP32 design:<https://www.espressif.com/e...>

5.5" HDMI OLED-Display with Capacitive Touchscreen (V2.0)

4 comments • 16 days ago



DFRobot Support — Hi,

AvatarHope this can help you. <https://uploads.disquscdn.c...>

Subscribe

Add Disqus to your siteAdd DisqusAdd

Disqus' Privacy PolicyPrivacy PolicyPrivacy

Sign up for exclusive offers!

Your email address



Like us on

INFORMATION

[About Us](#)

[Warranty](#)

[Privacy Policy](#)

[Shipping](#)

[Payment](#)

[FAQ](#)

CUSTOMER SERVICE

[DFRobot Distributors](#)

[Contact us](#)

[Site Map](#)

MY ACCOUNT

[Affiliates](#)

[Specials](#)

[Coupon](#)

[Reward points](#)