



Q-Scout Robot Building Kit Line Follower - Arduino Coding & Graphical Programming, STEM Toy, Lego Compatibility

SKU 110090181

Description

Qscout is a entry-level robot building & coding kit. This cute robot has 20-minute building time, along with a Scratch 3.0 based graphical coding environment. Featuring ultrasonic obstacle dodging and automatic line tracking, Q-scout is fun scientifically with expanding capabilities. Q-scout is the best option as a kid's first robot.

Features

Metal robot building platform:

A real robot building experience with metal. This is a cost-friendly and easy-to-use robot building platform.

Classic sensor set:

Ultrasonic & line tracking sensors are scientifically fun and adequately programmable.

Arduino based & graphical programming:

The combination of Arduino and a Scratch 3.0 based graphical programming environment covers both entry-level and higher-class development needs with superior hardware compatibility.

Extensions:

The ever-growing list of sensors and electronic modules contribute to a complete robot building platform.

About Robobloq APP



Remote Control:

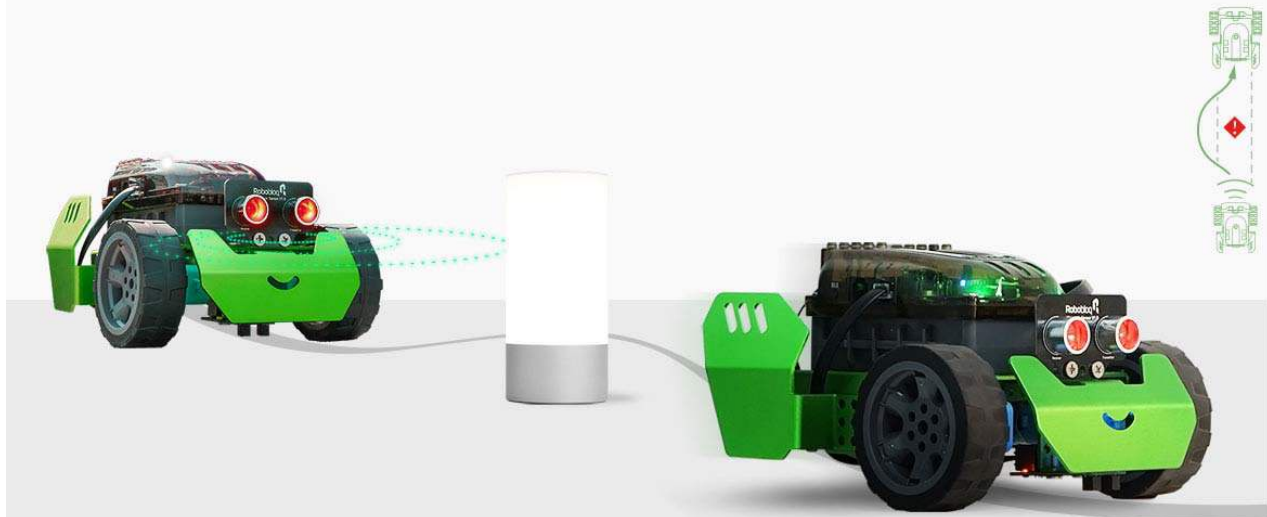
Starter kit, no requirement needed. Open and play, embedded buzzer for quick music composing; Smart line tracking mode, just enter your robot world via the user-friendly application.

Customized Applications:

Create your own APP; Customize widget to meet your special needs; Ultimate control of your own robots

Programming:

Drag-and-drop coding based on scratch. Develop attentiveness and determination, multi-subject involved for comprehensive ability enhancement, be ready for an era of AI.





Technical Details

Dimensions	231mm x 190mm x 124.50mm
Weight	G.W 1310g
Battery	Exclude
Types of parts	24
Total parts quantity	65
Color of pars	Green & Grey
Motor	hobby motor (blue)
Microcontroller	Qmind (Arduino Uno)
Communication	Bluetooth (consumer package), Bluetooth dongle (education package)
Ports	3 ports for sensors, 1 port for motor
Inputs	1xButton, 1xUltrasonic Sensor with six built-in RGB LEDs , 1xLine-Tracking Sensor
Outputs	1xBuzzer, 2xRGB LED
Battery Type	6 AA baterries
Software	Arduino IDE, Robobloq APP

Assembled Dimensions	189x115x152mm
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Part List

Q - Scout (The parts are shown in below image, the list can be download from below link)	1
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M4x42			1:1
M4x9			
M2.3x8			
M3x25			
Nut M3			

- How to use the black tape?

ECCN/HTS

ECCN	EAR99
HSCODE	9023009000