

WORLD OF MODULE

Programmable Robot Kit

Based on BBC micro:bit

Educational building
block kit with sensor
modules





MakeCode
programming



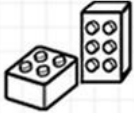
10 electronic
sensors



Detailed course



Python
programming



20+ building models



Quick connect



Creative project



Parent-child
interaction

Based on Micro:bit

Micro:bit is a tiny computer development board designed by the British Broadcasting Corporation (BBC) designed for youth programming education



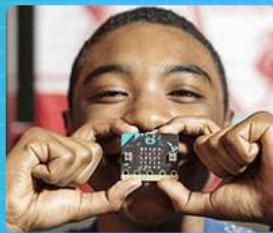
Simple



Fun



Advanced



Superior quality sensor modules

...



Quick
connect



Cascade
design



Compatible with
building blocks

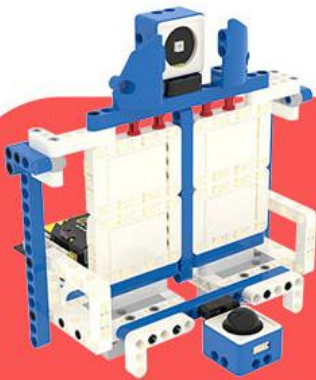
The module is made of safe and environmentally friendly materials, which is flame-retardant, durable in use.



Rich cases Puzzles and interesting

Sunflower

Button module Digital tube module
Rocker module Building block servo
Photosensitive module

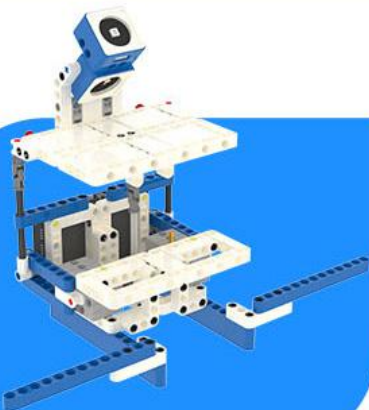


Automatic door

RGB light module
Human body infrared sensor module
Building block servo*2

Color sorter

Color recognition module
Building block servo



Flying penguin

Ultrasonic module
Building block servo

Support MakeCode/Python programming

MakeCode graphical programming

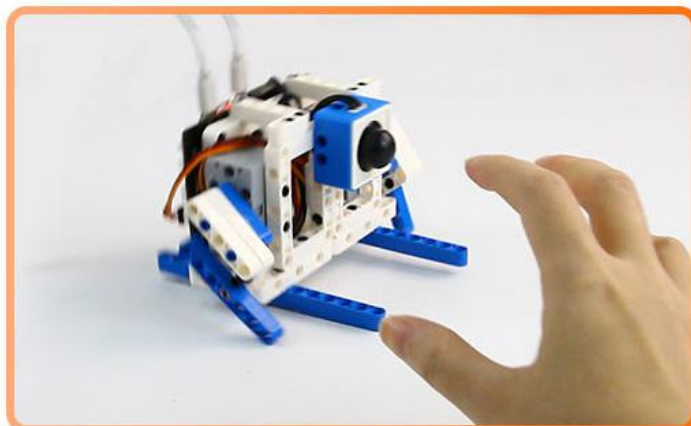
Python programming



MAKECODE GRAPHICAL PROGRAMMING

Suitable for children aged 8-12 years old, drag-and-drop block programming, simple and easy to use, which can cultivate children's logical thinking and practical skills.

Running box



Suitable for children over 12 years old. The Python language is easy to learn, versatile and portable, and is a popular choice for transitioning from graphical programming to code programming.

PYTHON PROGRAMMING



*The "trash can" in the picture not a standard configuration.

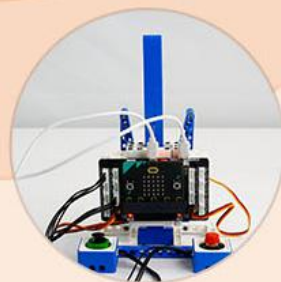
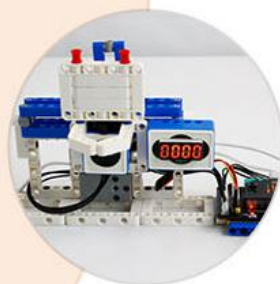
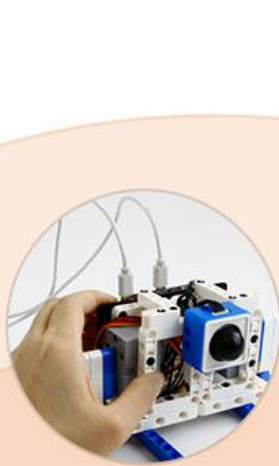


Color sorter



```
def duty(self, index, value=None, invert=False):
    if value is None:
        pwm = self.set_pwm(index)
        if pwm == (0, 4096):
            value = 0
        elif pwm == (4096, 0):
            value = 4095
        value = pwm[1]
        if invert:
            value = 4095 - value
        return value
```

Creative models+Funny gameplay⁺



Why choose us?



Common programming products on the market

- ✗ Fixed shape
- ✗ Single sensor
- ✗ Niche programming software



World of Module
Programmable Robot Kit

- ✓ Various shapes
- ✓ 10 kinds of sensors
- ✓ Popular programming method: MakeCode/Python, suitable for elementary and middle school students.

High-quality courses

Tutorials link: <http://www.yahboom.net/study/WOM-Sensor-Kit-microbit>



Tutoria llink:<http://www.yahboom.net/study/WOM-Sensor-Kit-microbit>



BASIC COURSE

Learn the basic principles and simple control of sensors.



ADVANCED COURSE

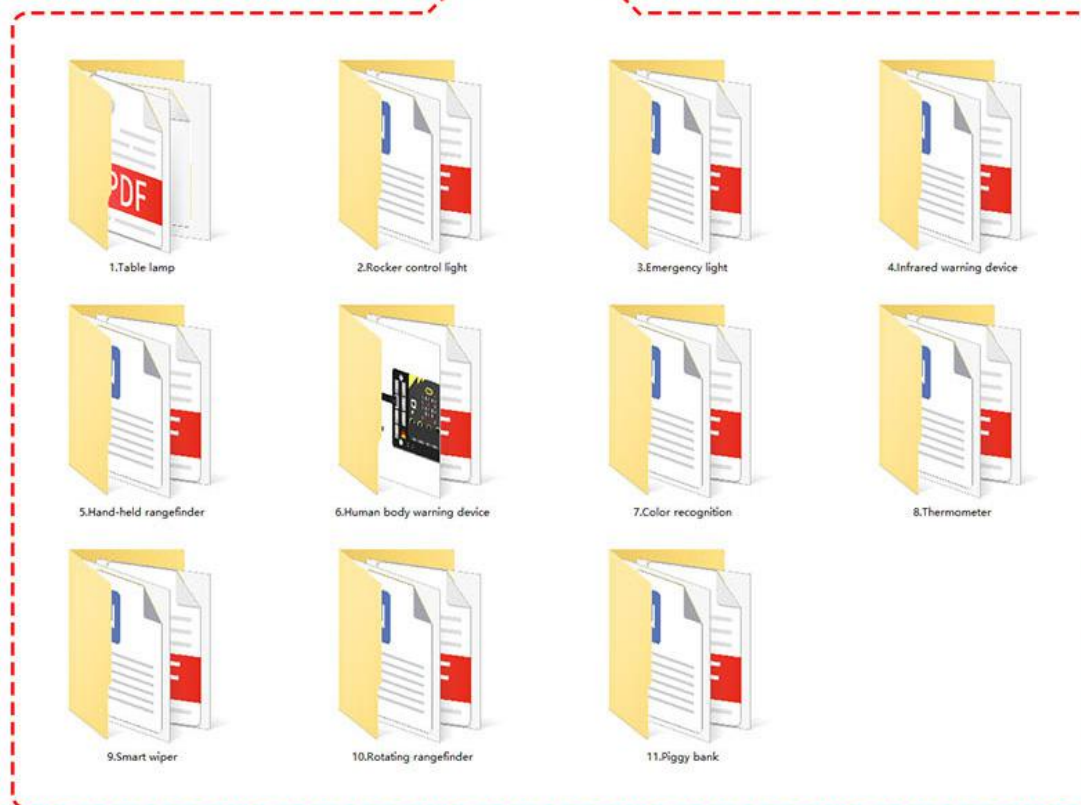
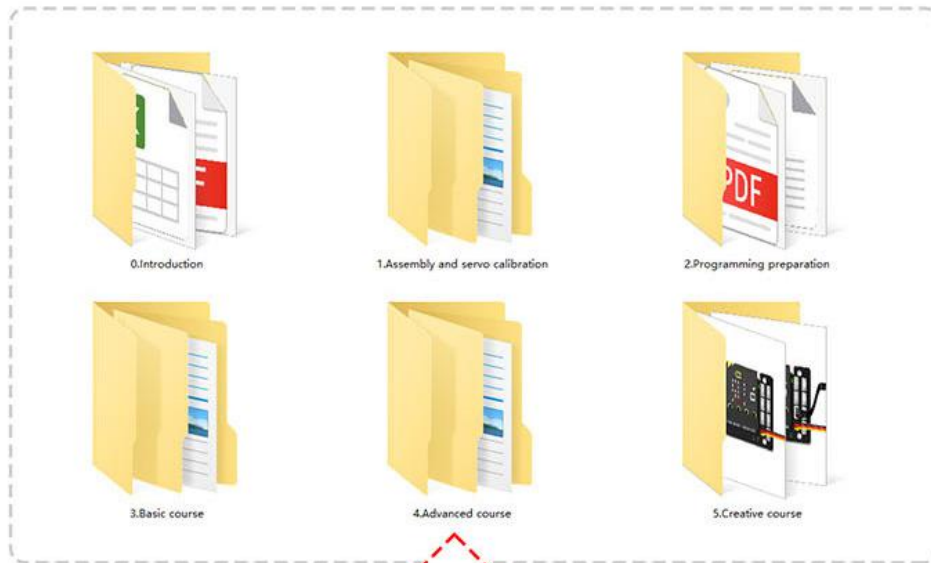
Combine sensor modules and modules freely, with simple building blocks to complete creative and interesting experiments.



CREATIVE COURSE

Mainly with interesting modeling of building blocks, matched with sensor modules, to stimulate children's learning creativity

Gift information



Product parameter



Product Name: World of Module Sensor Kit

Age: 6 years old+

Programming language: MakeCode/Python

Programming equipment: PC, tablet, mobile phone

Main material: ABS

Package weight: 950g

Product size: 295*220*56mm

Working temperature: 4~40°C

Number of building blocks: 300PCS

Motor/Servo: building block servo*2

Packing list



RGB module



Button module



Rocker module



Photosensitive module



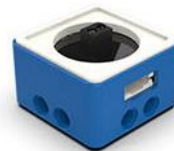
Temperature and humidity module



Human body infrared sensor module



Color recognition module



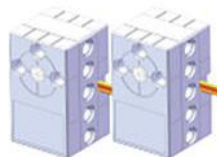
Infrared module



Ultrasonic module



Digital tube module



Building block servo*2



USB data cable



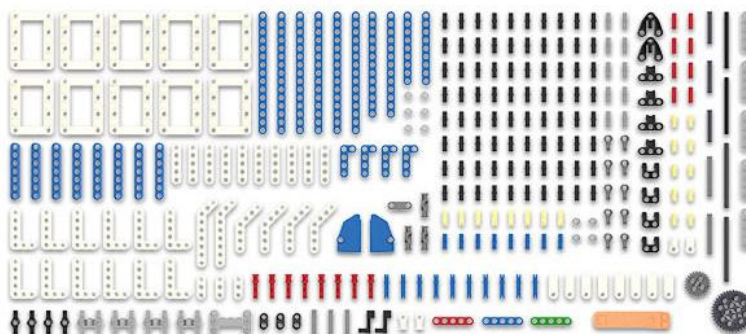
Micro:bit sensor expansion board



Micro:bit (optional)



PH2.0 cable *10



Building block parts 300PCS

