mBot Ranger

Play Cool, Explore More

Ages 8+

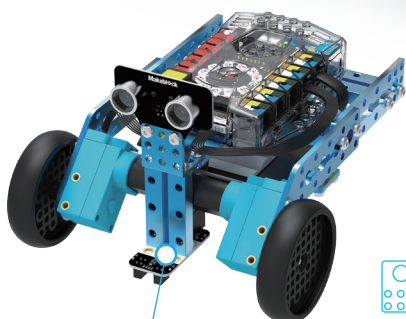| Complexity	★ ★ ☆ ☆ ☆
Playability	★ ★ ★ ★ ★
Expandability	★ ★ ★ ★ ☆

Expand you world with mBot Ranger, a three-in-one educational robot kit that can be quickly transformed into three different forms: Land Raider, Nervous Bird and Dashing Raptor. Program and control the mBot Ranger via iPad, tablets, or PC to start your exploration!
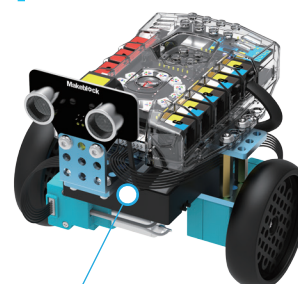
Three Transformable Forms

Land Raider


```
when [flag] clicked
forever
  MarsExploration

define MarsExploration
set distance to ultrasonic sensor Port10 distance
set led on board all red 150 green 0 blue 0
if distance < 25 then
  ...one on note C4 beat Half
  ...ckward at speed 100
  ...0.5 secs
  ...n right at speed 100
  ...t 0.5
```
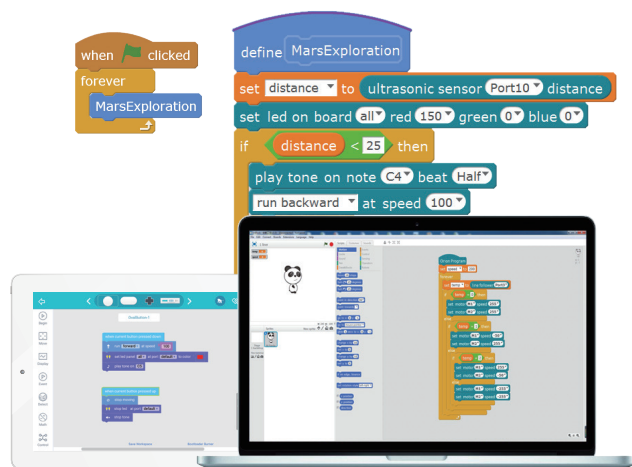
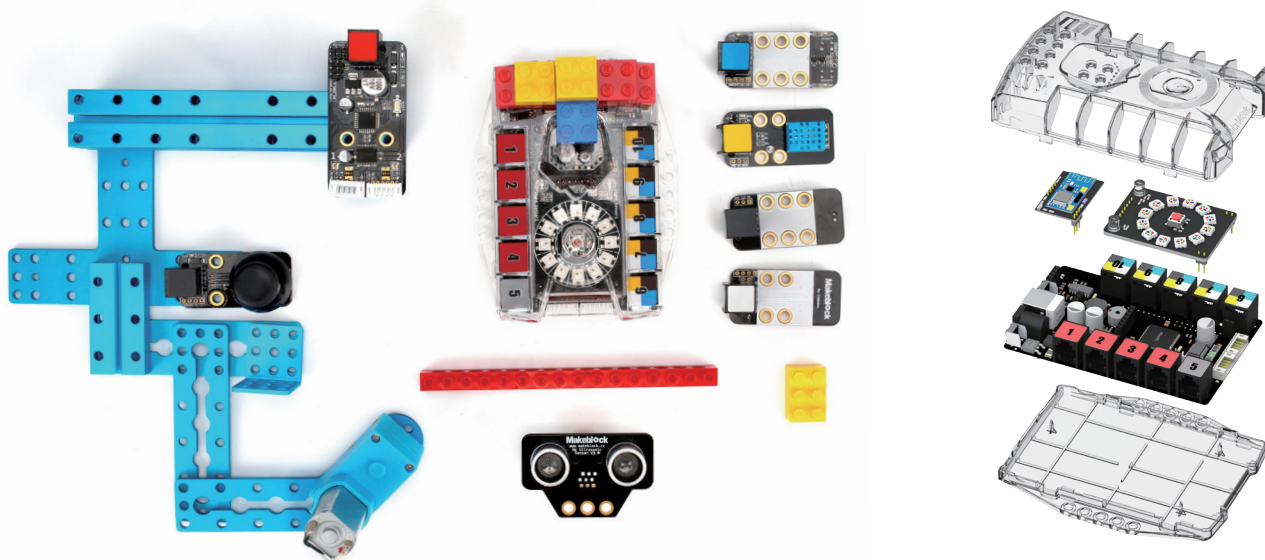### Dashing Raptor

Nervous Bird

Free Customized STEM Courses

16 specially designed online graphical programming courses covering 40 class hours, helping kids enjoy the fun of programming while cultivating STEM (Science, Technology, Engineering and Mathematics) abilities.

Infinite Extensibility, Infinite Possibilities

Comes with a powerful mainboard that offers 10 extension ports and 6 on board sensors. mBot Ranger is also fully compatible with all Makeblock products including over 400+ parts, 30+ electronic modules and most Lego parts to allow you explore and create endless projects or ideas.

Features

- ● Powerful Mainboard
- ● Wireless APP Control
- ● Supports mobile, iPad, table and PC Programming
- ● Compatible with Makeblock platform and most Lego parts
- ● 10 Pre-installed games with extension packs available

Contact:

Mobile:

Email:

Please visit www.makeblock.cc for more information

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Product Information

Recommended Retail Price:	$149.99	SKU:	90092	MOQ:	
Packaging Method:	Box Packaging	Package Dimensions: (Height/Width/Length)	270 x 215 x 95 mm	Package Weight:	1600g (Gross Weight)
Packing Quantity:	10PCS	Carton Size:	550 x 490 x 230mm	Shipping Weight:	17.1kg
Certificates:	Rohs CE FCC KC NCC	After-sales:	90 days warranty since purchase	Website:	www.makeblock.cc

Specifications

Main Control Board:	Arduino Mega 2560		Battery:	2 × 400 RPM Encoder Motor
Sensor:	2 × Light Sensor		Dimension:	200 × 165 × 120mm (Maximum)
	1 × Sound Sensor		Weight:	1600g
	1 × Gyroscope Sensor			
	1 × Temperature Sensor			
	1 × Ultrasonic Sensor			
	1 × Line Sensor			
Speaker	1 × Buzzer			
LED Lamplets:	12 × RGB LEDs			
Communication:	Bluetooth (Default) or 2.4G			
Battery:	6 × AA Battery (Not inclued)			
Software:	Makeblock HD 2.0 (Tables, APP, Android and IOS)			
	mBlock (PC client, Scratch Graphic, Windows and Mac)			