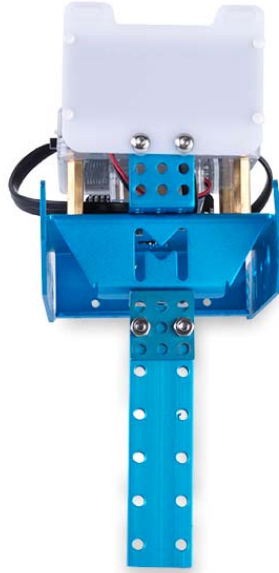# Makeblock

Perception gizmos add-on pack for mBot & mBot Ranger

SKU: P1020002   Weight: 350.00 Gram
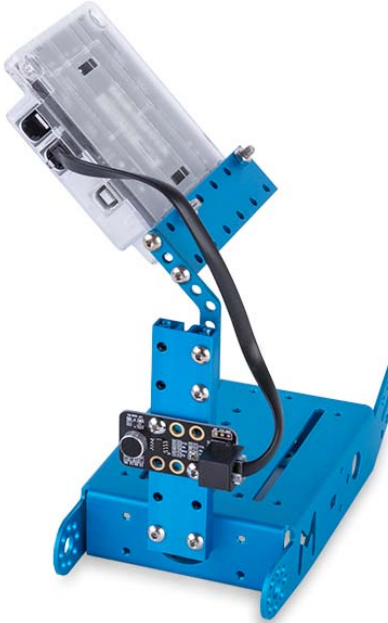
What is the perception gizmos add-on pack for mBot &mBot Ranger?

The perception gizmos add-on pack for mBot and mBot Ranger is a brand new add-on pack. It contains five add-on cases for mBot and two for mBot Ranger. It has enriched the cases for motion control and appearance relative to mBot and mBot Ranger. Besides, you can assemble it into more forms on your own idea, and explore more possibilities.
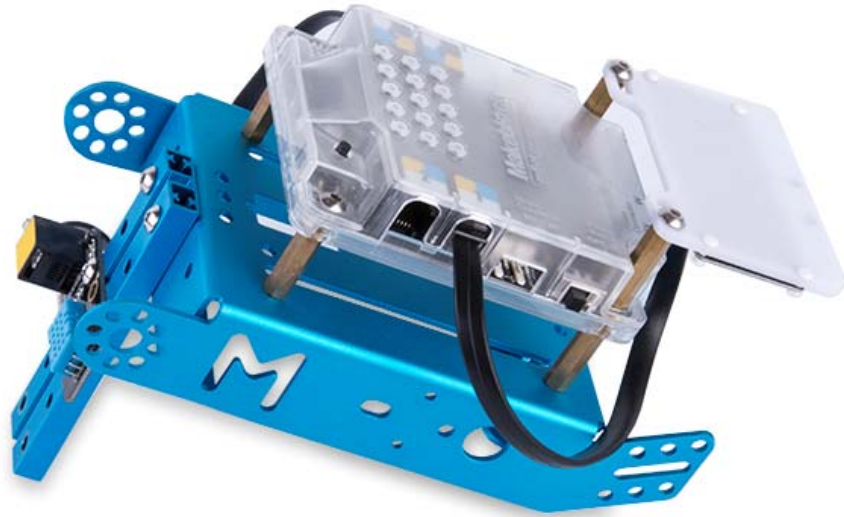
mBot add-on case 1:Range finder

Range finder can measure the range by handheld device. Off-line operation is available.
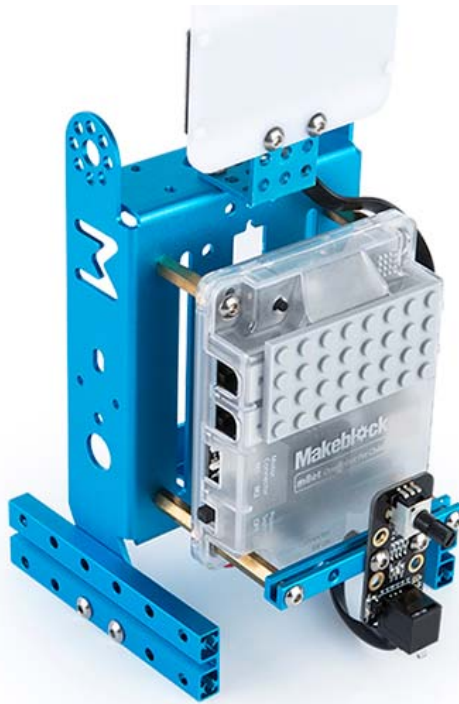

mBot add-on case 2: Sound control lamp

The lamp would be turned on in dark area when sound reach at certain value.
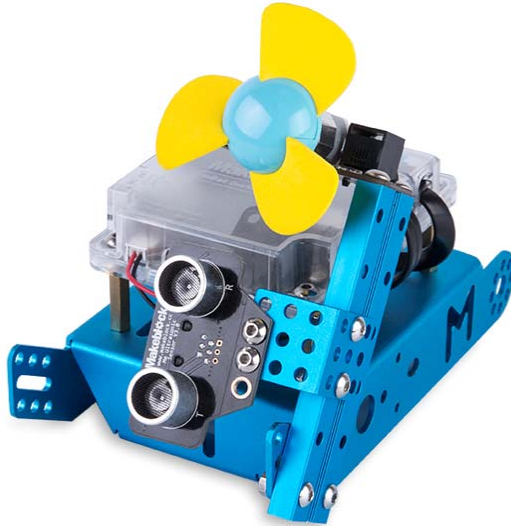
mBot add-on case 3: Weather station

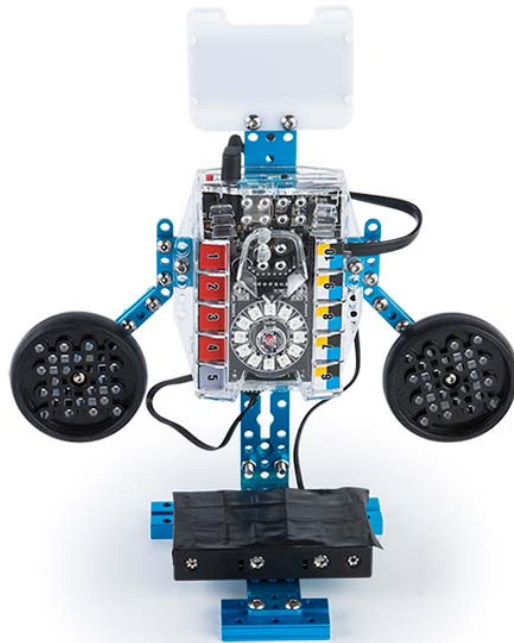It can measure temperature and humidity and show the value on the LED screen.

mBot add-on case 4: Knob Robot

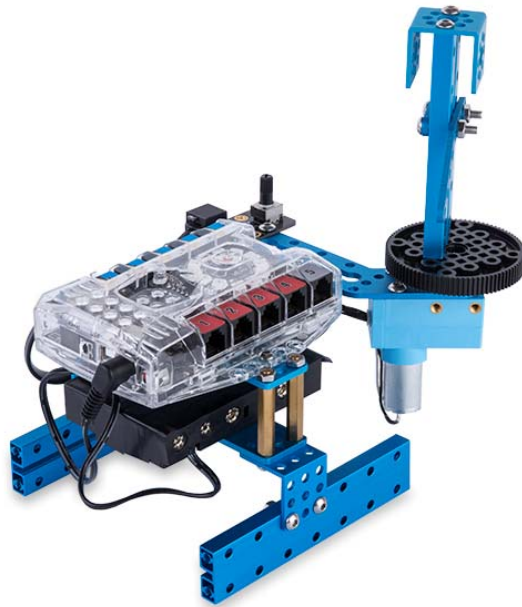It is a robot that can play number guessing game.

mBot add-on case 5:Energy-saving fan

The fan would be turned on when you get close to it, and it would be turned off when you leave it.

mBot Ranger add-on case 1:Roly-poly

The robot can return to vertical state after shaking. And it can do specific action and expression by programming.

mBot Ranger add-on case 2:Music Box

The music box would be switched on by controlling lights. When the music starts, the doll beginning to spin, and the LED lighting up.

Specifications

SKU	P1020002
Product Name	mBot & mBot Ranger add-on pack Perception gizmos
Category	Add-on Pack
Weight	350g (12.35oz)
Package Dimension (Height×Width×Length)	209 mm×154 mm×54mm

Part List

1× Temperature and Humidity Sensor	1× Sound Sensor	1× Potentiometer
1× LED Matrix 8×16	1× 130 Motor Pack	4× RJ25 Cable
2× Beam 0824-096	2× Beam 0808-072	2× Bracket 3×3
2× Plate 45°	1× Wrench 5mm&7mm	4× M4×25mm Brass Stud
16× M4×8mm Screw	20× M4×14mm Screw	4× M4×22mm Screw
20× M4 Nut	10× Plastic Spacer 4×7×3mm	