



Biowin ModMi Intelligent Robot System with App User Guide

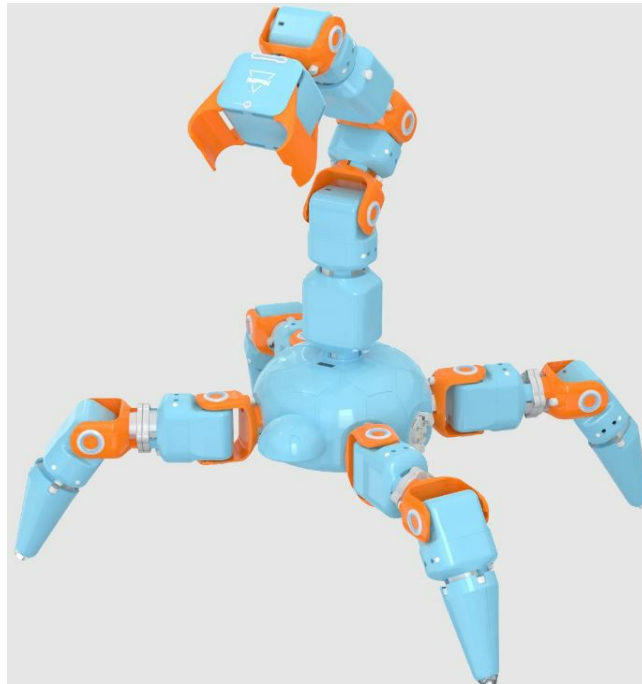
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Biowin ModMi Intelligent Robot System with App



Product Information

- Product Name: STEAM PARENT-CHILD INTERACTION AI Combination
- Manufacturer: Biwin Foshan Biowin Robot Automation Technology Co., Ltd
- Website: www.biowinedu.com
- Contact: 400-994-0579

Teach and Play

The STEAM PARENT-CHILD INTERACTION AI Combination allows for teaching and playing with robots. It provides various programming methods, including graphical programming and code programming, to easily create interesting robot actions. The product is designed to quickly introduce users to the world of programming. It is also compatible with advanced programming languages, enabling exploration of more applications.

Product Modules

- Basic Module – Weight: 100g
- T Module – Joint Module with unlimited rotation – Weight: 105g
- I Module – Joint Module with unlimited rotation – Weight: 105g
- Clamp Module – G Module – Weight: 123g
- Control Module – F Module P Module – IO Port2 – Input voltage: 7.4V – Battery capacity: 1500mAh – Communication: WiFi and Serial Port – Weight: 100g
- Control Module – IO Port7 – Input voltage: 7.4V – Battery capacity: 2500mAh – Communication: WiFi and Serial Port – Weight: 420g
- Auxiliary Module – Orthogonal Module
- Bionic Foot Module – Simulates animal support legs to realize bionic robot walking
- External Sensor – Equipped with a variety of sensors, including gesture recognition, ultrasonic sensors, and infrared sensors

Caution

Any changes or modifications to this device not explicitly approved by the manufacturer could void your authority to operate this equipment. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 0cm between the radiator and your body.

Programming Methods



Robot+Programming+AI





modules




Basic module

 T module	Joint Module
	Range of motion: $\pm 90^\circ$
	Weight: 100g
 I module	Joint Module
	Position mode: 0-320° Velocity mode: Unlimited rotation
	Weight: 105g
 G module	Clamp Module
	Position mode: 0-90° Constant force mode
	Weight: 123g

Basic module

 F module	IO Port: 2
	Input voltage: 7.4V
	Battery capacity: 1500mAH
	Communication : wifi and serial port
	Weight: 100g
 P module	IO Port: 7
	Input voltage: 7.4V
	Battery capacity: 2500mAH
	Communication : wifi and serial port
	Weight: 420g

Auxiliary module

 <p>Orthogonal module</p>	<p>90 ° installation between different modules</p>
 <p>Bionic foot module</p>	<p>Simulate animal support legs to realize bionic robot walking</p>
 <p>External sensor</p>	<p>Equipped with a variety of sensors, including gesture recognition, ultra-sonic sensors and infrared sensors.</p>

FCC

FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by the manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.

Documents / Resources



[Biwin ModMi Intelligent Robot System with App](#) [pdf] User Guide
BW003MD01, 2BB5J-BW003MD01, 2BB5JBW003MD01, ModMi Intelligent Robot System with App, ModMi, Intelligent Robot System with App, ModMi Intelligent Robot System, Intelligent Robot System, Robot System

References

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Manuals+.