

小象机械臂-树莓派版

myCobot Pi

教育六轴协作机器人

Educatoional 6-Axis Collaborative Robot

Warning

BEFORE USING MYCOBOT READ ALL INSTRUCTIONS AND CAUTIONARY MARKINGS IN THIS MANUAL

1. Do not expose the product to rain or moisture to reduce fire or shock hazard.
2. Do not place the product in or near fire.
3. Do not leave the product in a car in hot or humid weather.
4. Do not disassemble, crush or pierce the product.
5. Do not expose the product to excessive shock such as dropping from a high place.
6. Do not expose the product to high temperatures above 60 °C (140 °F).

Attention

Regarding the operation and secondary development of myCobot Pi, please read and download **Gitbook** before using it.

Official Website: <https://www.elephantrobotics.com/en/mycobot-pi/>



Image recognition with multiple end-effectors

- Comes with image recognition algorithm can work with variety of cameras.
- Independently match different accessories such as display, gripper suction pump, etc.,
- Realize more application scenarios.



Unique industrial design, extremely compact

- Integrated design, the body structure is compact, and the net weight is only 850g, super convenient to carry
- Modular design, few spare parts, low maintenance cost, quick disassembly and replacement, realizing plug and play

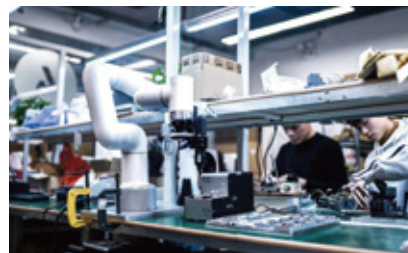


High configuration, with Lego interface

- Contains 6 high-performance servo motors, fast response, small inertia, smooth rotation
- The base and the end are equipped with Lego component interfaces, easier for the development of various micro-embedded equipment

myCobot Series - Design Prototype - Elephant Robot®C Series Robot

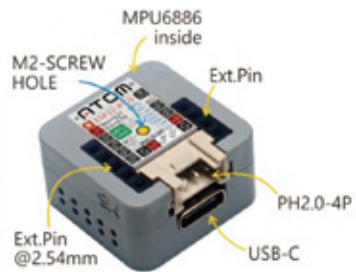
The design prototype of myCobot is from All-in-one Robot launched by Elephant Robot in China in 2018. As the first integrated collaborative robot in China, it has won the 2019 CAIMRS Industrial Robot Innovation Award and 2019 High-tech Robot Annual "Innovation Technology Award", and has been also sold to more than 30 countries at home and abroad, receiving unanimous praise and recognition from the factories of the world's top 500 enterprises.



Control Board Pin Map

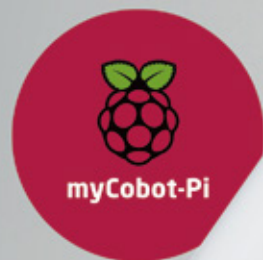


Atom diagram



Atom pin diagram

myCobot Pi VS myCobot M5



警告

在使用本产品之前，请阅读本手册中所有说明及警告提示。

- 为避免火灾或电击危险，请勿将产品暴露在雨中或潮湿的地方。
- 请勿将产品放在火中或靠近火处。
- 请勿将本产品放置或使用在炎热潮湿的地方。
- 请勿暴力拆卸本产品。
- 请勿将产品暴露在过度的冲击下，如从高处跌落。
- 不要将产品暴露在超过60°C(140°F)的高温下。

开机必读

本册为myCobot小象机械臂-树莓派版产品画册

关于本产品的操作使用及二次开发，请先在大象机器人官网阅读并下载Gitbook相关指导说明。

下载链接：<https://www.elephantrobotics.com/mycobot-RPi/>

myCobot Pi

世界最小最轻的六轴协作机器人 - 树莓派版



Raspberry Pi
树莓派版

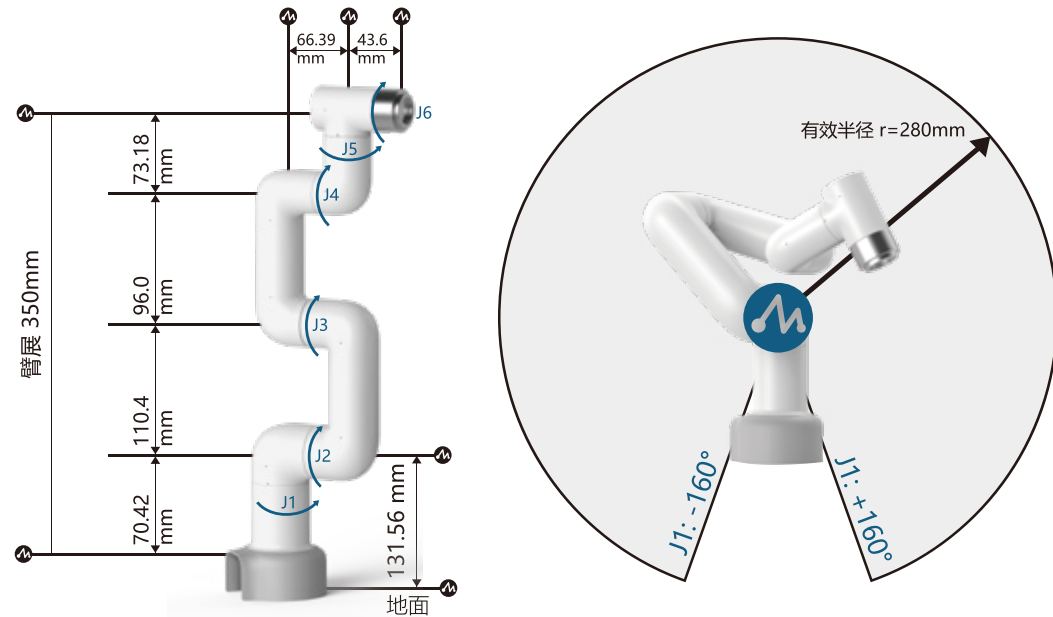


myCobot小象机械臂系列设计原型-大象机器人C系列all-in-one机器人

myCobot小象机械臂系列的设计原型为大象机器人2018年推出的国内首款 all-in-one 一体式协作机器人。作为国内首款一体式协作机器人，它曾获得2019CAIMRS工业机器人创新奖，2019高工机器人年度“创新技术奖”，远销海内外30多个国家并备受数家来自世界500强名企的一致认可与好评。



尺寸与工作范围图



电子件 (M5 硬件)

保修期限	保修服务
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≤3个月	由用户拆卸后寄回, 我司免费更换并承担往返运费(仅一次)
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3-6个月	由用户拆卸后寄回并承担往返运费, 我司免费更换(仅一次)
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≥6个月	客户需自己重新购买
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结构件, 含外壳部分

保修期限	保修服务
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≤1年	我司免费提供新的零件, 由客户自行承担运费(仅一次)
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≥1年	客户需自己重新购买
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特别说明: 在交付产品的保修期内, 本公司仅对正常使用机器人时发生的故障进行免费修理。

但在以下情况下, 将对客户收取修理费用(即使在保修期内):

- (1) 因不同于手册内容的错误使用以及使用不当而导致的损坏或故障
- (2) 客户未经授权进行拆卸导致的故障
- (3) 属于外壳等部件自然的消耗, 磨损及老化
- (4) 因调整不当或未经授权进行修理而导致的损坏
- (5) 因地震、洪水等自然灾害导致的损坏

因此, 请严格遵照本手册及相关手册的指示对机器人进行操作。

WARRANTY CARD

Customer Information (Required):

Purchaser _____ Order No. _____ Phone _____

Address _____ Logistics Receipt Date _____

Product problem description(Required):

If you need to apply for warranty service, please contact our customer service to confirm the detailed information. After confirmation, please fill in the card and send it back together with the product and the attached invoice. **Note: Our company reserves the right to explain and modify the warranty card of this product within the scope of the law.**

- Return service is limited to goods not opened within 7 days after the receipt date of logistics of the products. The freight or other risks incurred in return shall be borne by the customer.
- Customers should provide the purchasing invoice and warranty card as the warranty certification when a warranty is being asked.
- Elephant Robotics will be responsible for the hardware faults of products caused by the normal using during the warranty period.
- The warranty period starts from the date of purchase or the receipt date of the logistics.
- The faulty parts from the products will be owned by Elephant Robotics, and the appropriate cost will be charged if necessary.

If you need to apply for warranty service, please contact our customer service first to confirm the detailed information.

深圳市大象机器人科技有限公司

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