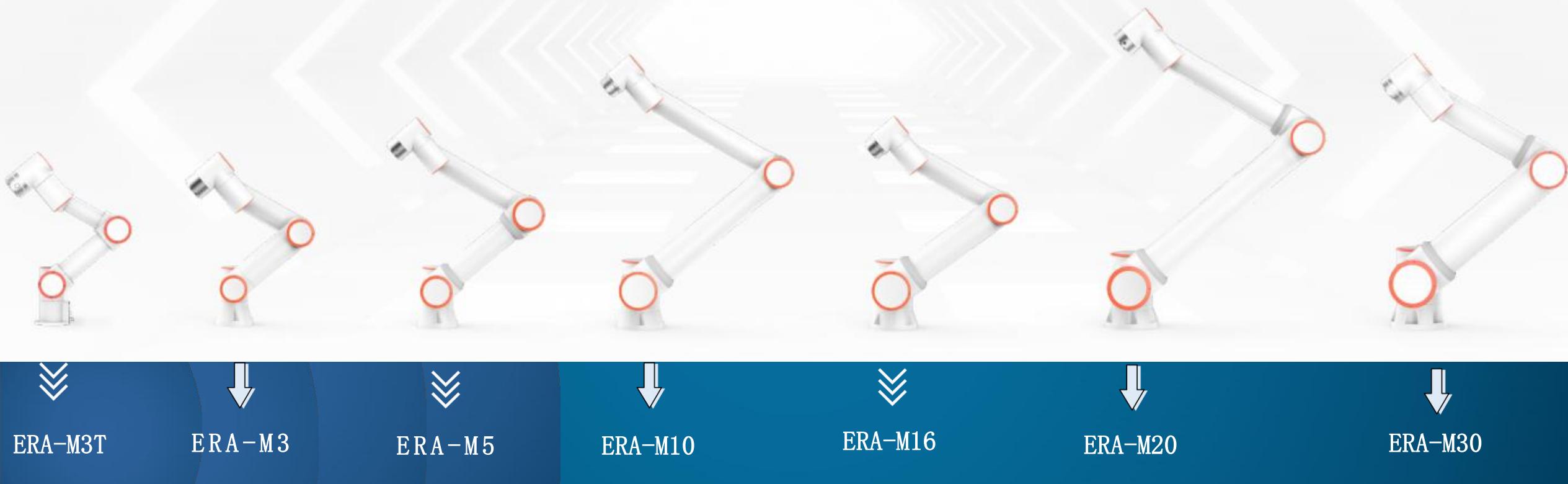


# Product Display



Our cobot arms can support Code&modular&drag-and-drop teaching programming, also support ROS secondary development, which is very friendly to users.

With its emergence, it not only improves the efficiency of human-machine collaboration, but also speeds up the automation process for more enterprises and frees floor space and lowers the cost of implementing robots for manufacturers.



# Controller Specification



|                          | Mini Control Box | 2KW Control Box  | 4KW Control Box                            |
|--------------------------|------------------|--|--|
| IP classification        |                  | IP54   |  |
| Operating temperature    |                  | 0-45°C   |  |
| Operating humidity       |                  | 90%RH(non-condensing)  |  |
| I/O Ports                |                  | Digital Input(DI) 16    Digital Output(DO) 16<br>Analog Input(AI) 2    Analog Output(AO) 2<br>High speed pulse input 2 | (Applies to ERA-M3/ERA-M5/ERA-M10/ERA-M16) |
| I/O power supply         |                  | 24V/1.5A   |  |
| Standard communication   |                  | I/O、TCP/IP、Modbus_TCP/RTU  |  |
| Optional communication   |                  | CC-Link、Profinet、Ethernet/IP、EtherCAT  |  |
| Software development kit |                  | C#/C++/Python/ROS/ROS2   |  |
| Size(L*W*H)              | 245*180*44.5mm   | 245*180*44.5mm(No protrusions)   | 245*180*89mm(No protrusions)               |
| Weight                   | 2.1KG            | 2.5KG  | 3.6KG                                      |
| Materials                |                  | Galvanized plate   |  |
| Power Supply             | 30-60VDC         | 176-264VAC ~ 50-60Hz<br>100-240VAC ~ 50-60Hz   | 100-240VAC ~ 50-60Hz                       |

- Mini Control Box is with 48VDC power supply, most commonly used for Composite Robot with AGV/SGV. (Applies to ERA-M3/ERA-M5/ERA-M10/ERA-M16)

- 2KW Control Box is 220VAC, applied to ERA-M3/ERA-M5/ERA-M10/ERA-M16. (Standard packed with this one)

- 4KW Control Box is 220VAC, applied to ERA-M20/ERA-M30.



# Teach Pendant[Optional]



The teach pendant, computer, tablet or mobile phone is connected to the WebAPP system to realize the operation of the collaborative robot.

- The user interface is more intuitive
- Wide range of technological packages
- Cloud deployment provides greater convenience

|          |                    |                       |
|----------|--------------------|-----------------------|
| Features | IP classification  | IP54                  |
|          | Operating humidity | 90%RH(non-condensing) |
|          | Display resolution | 1280 x 800 pixels     |
| Physical | Size(L*W*H)        | 268*210*88mm          |
|          | Weight             | 1.6kg                 |
|          | Materials          | ABS、PP                |
|          | Cable length       | 5M                    |

Human-cobot interaction tools for basic interaction functions. It can be linked with computers, tablets and other devices through the RJ45 interface, and directly log in to the Web App teaching interface.

Simple to Use

Easy to Operate

Flexible to deploy

|          |                       |  |
|----------|-----------------------|--|
| Features | IP classification     | IP54   |
|          | Button function       | Manual/Auto, Drag, Point Record, Match or Not with Safety Button Box, Start/Stop, Shutdown |
|          | Communication         | TCP/IP   |
|          | Network transfer rate | 100M   |
|          | Power over ethernet   | Standard POE   |
| Physical | Size(L*W*H)           | 136*60*66mm(No protrusions)  |
|          | Weight                | Cable weight included  |
|          | Materials             | ABS  |
|          | Cable length          | 5M   |
|          | Number of keys        | ≥20W   |

## SAFETY BOX

