

# Robotic Arm Education Kits



SKU:

EAN:

## FEATUES

- This is an open source robotic arm tailored for beginners, compatible with Arduino, with high-performance hardware such as a 6-channel knob controller, Bluetooth module, high-precision digital servo, etc., and it also reserves a wealth of sensor expansion interfaces to enhance the flexibility of user secondary development.
- Arduino Compatibility
- Dynamic Control with Knob
- APP Control
- Offline Motion Editing
- Anti-blocking Servo
- Support AI Vision Module
- Built-in Bluetooth Module
- Boundless Creativity
- Sonic Ranging
- Sonic Ball Grabbing
- Pose Control
- Touch Grabbing



## SPECIFICATION

	Robotic Arm Education Starter Kits	Robotic Arm Education Standard Kits
Size	207*120*339mm	207*120*339mm
Weight	About 0.66kg	About 0.66kg
Body material	Acrylic plate + hard aluminum	Acrylic plate + hard aluminum
PTZ angle	180°	180°
Power supply	Two 3.7V 18650 batteries(1200mAh)	Two 3.7V 18650 batteries(1200mAh)
Main control system	Arduino UNO control board + UNO 6-channel knob expansion board	Arduino UNO control board + UNO 6-channel knob expansion board
Software	IOS/Android mobile APP	IOS/Android mobile APP
Communication method	Bluetooth	Bluetooth
DOF	4DOF+gripper(5DOF)	4DOF+gripper(5DOF)
Servo	LFD-01M/LDX-218/LD-1501MG servo	LFD-01M/LDX-218/LD-1501MG servo
Control method	Mobile phone control/knob control	Mobile phone control/knob control
Package size	295*165*115mm	295*165*115mm
Different accessories		Glowing Itrasonic sensor Touch sensor Acceleration sensor ESP32Cam Module