

AI-Starter

Explore AI
Start from AI-Starter

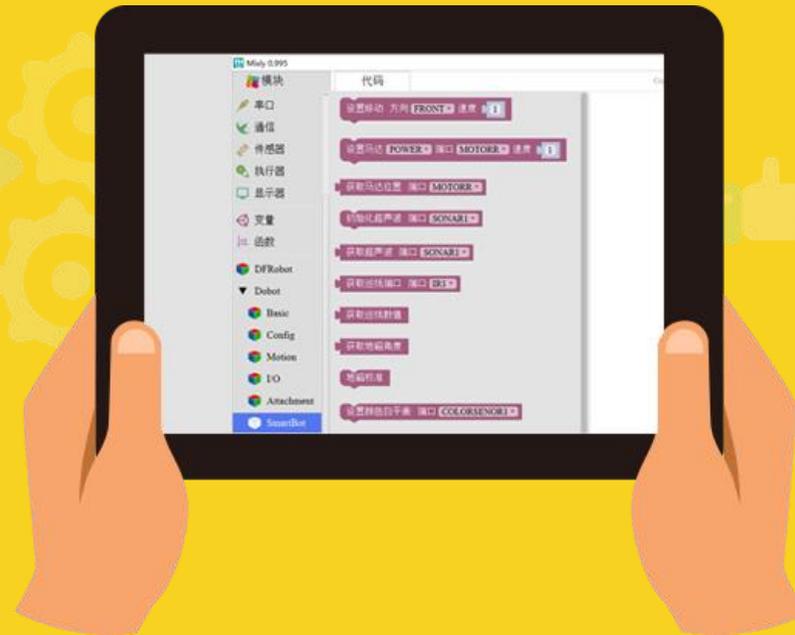


WHAT IS AI-Starter?

Born for artificial intelligence learning, AI-Starter is an entry-level educational robot platform and an integrated robot learning suite integrating mechanism, electronic and programming. AI-Starter is compatible with Arduino motherboard. It has rich sensor modules, which can realize interesting functions such as patrol line and obstacle avoidance. It combines teaching and fun, which can enhance children's interest in learning robots. AI-Starter supports graphical programming. Children can easily get access to programming knowledge through simple drag and drop, thus to develop their logical thinking ability and train them to become the front runners in the era of artificial intelligence. Start your artificial intelligence learning with AI-Starter.

GRAPHICAL PROGRAMMING

With Arduino-compatible graphic programming software, children can learn programming knowledge intuitively and cultivate logical thinking ability easily.



SMART AUTOPILOT

With various built-in sensors including infrared patrol line, ultrasonic wave, color, photosensitive and geomagnetic sensors, AI-Starter can simulate automatic driving and realize auto tracking and avoiding obstacles.



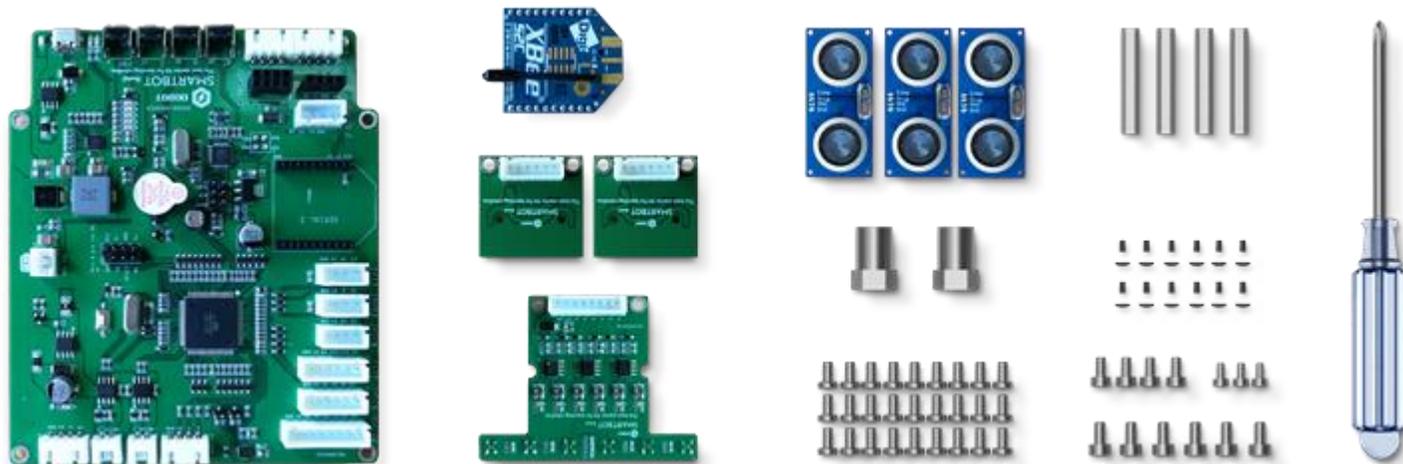
AI TEACHING COURSES WITH FULL OF FUN

Teaching materials and online tutorials about robot programming are provided for students to follow and assemble robot, build circuit and write program step by step.



VARIOUS EXTENDED INTERFACE WITH DIVERSE USES

AI-Starter provides XBEE, Bluetooth, universal I/O, serial ports, I2C and other extended interfaces, allowing children to open their imagination and unlock more ways of application.



CHARGING WITH USB SOCKET

With a large capacity of 18650, the battery can be charged by simply connecting to a universal USB charger directly, which makes the battery more durable.



AI-Starter SPECIFICATION

Operating Voltage	7.4V
Control Board	DuDuino Mega2560 (Compatible with Arduino Mega2560)
MPU	ATmega2560
Battery	18650 Li-ion rechargeable battery
Ultrasonic Measurement Range	30mm-1000mm
AI-Starter Size	195mm x 172mm x 79mm
AI-Starter Weight	810g
Maximum Load	500g
Tire Diameter	67mm
Operating Environment	0°C-40°C
Programming Software	Arduino IDE, Mixly
Communication Interface	USB communication / Serial communication
Expansion Interface	4PIN general I / O interface x 2
Sensor	Ultrasonic sensor x 3 / Color sensor x 2 / Infrared sensor / Geomagnetic sensor x 1 / Light sensor x 1