



# SOLUTION FOR HIGH SCHOOL, VOCATIONAL & HIGHER EDUCATION

**DOBOT AI Lab for High School** focuses on Practicing AI and is designed to enable high schoolers to give students hands-on experience in everyday AI and robotics application scenarios.

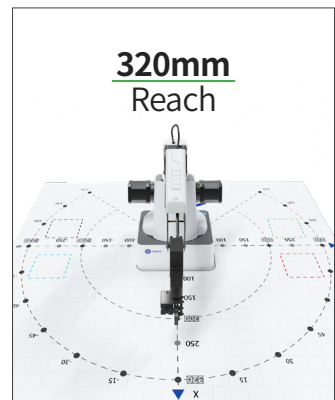
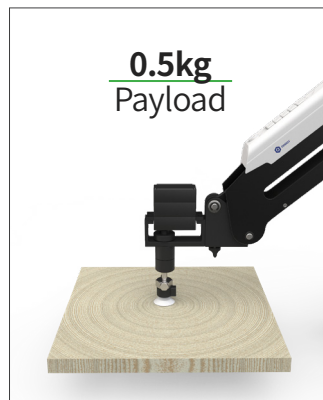
**DOBOT AI Lab for Vocational School & Higher Education** focuses on Mastering AI and is designed to enable research and development of real-world AI and robotics applications. The lab is a fully-integrated solution with complete installation, professional development, teacher training, curriculum, technical support and online resources.

## What is DOBOT Magician?

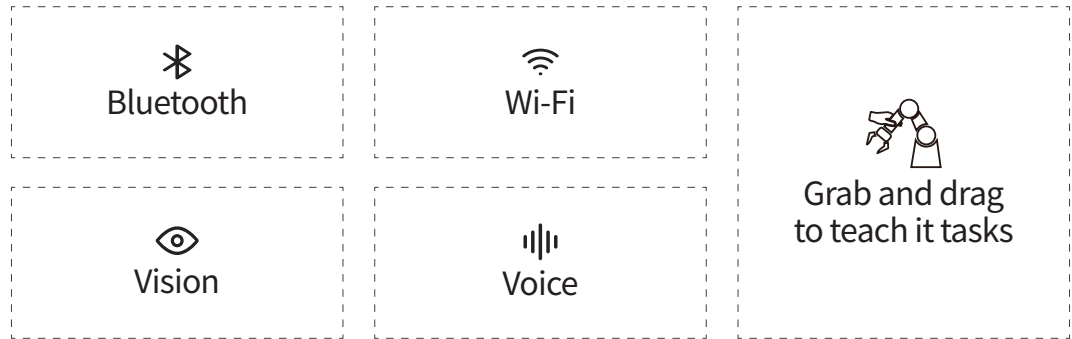
DOBOT Magician is a multifunctional desktop robotic arm for practical training education. Installed with different end-tools, DOBOT Magician can 3D print, laser engrave, write, draw and manipulate different objects. It has 13 expansion interfaces and supports over 20 programming languages, unlocking unlimited possibilities for further development.



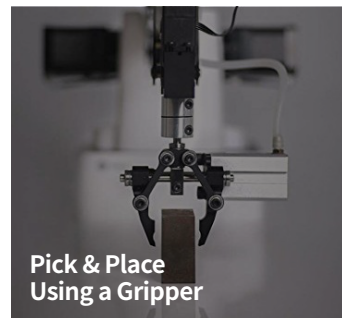
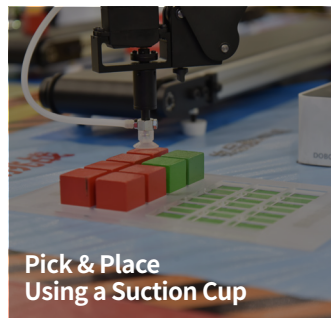
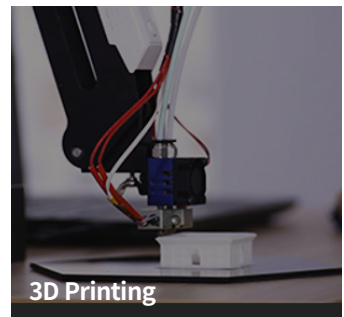
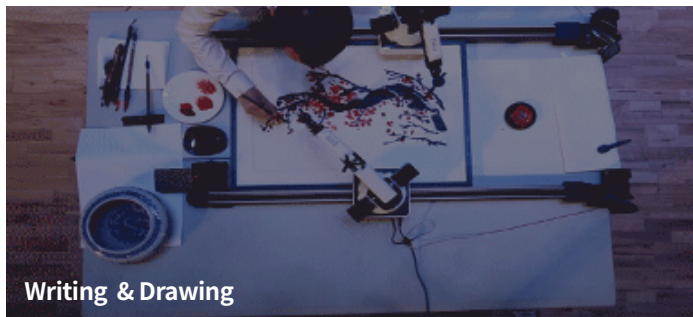
## Key Specifications



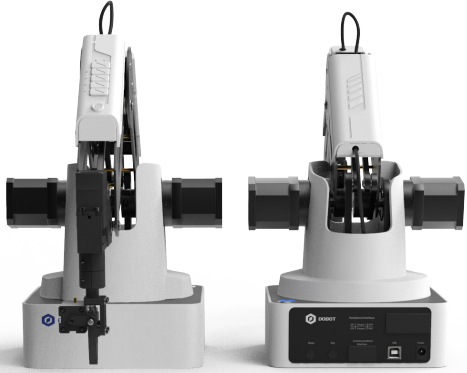
## Multiple Control Methods



## Easy-to-Install End Tools for Diverse Functions



# Unlimited Possibilities for Further Development & Integration

















**I/O x 10**  
Power Output x 4  
Stepper x 2

**API**

**Microcontroller**  
ROS  
Arduino  
PLC

**SDK**  
Communication  
Protocol  
Program Library

# Programming Languages & Methods

\*Note: demos are provided for Matlab and LabVIEW.

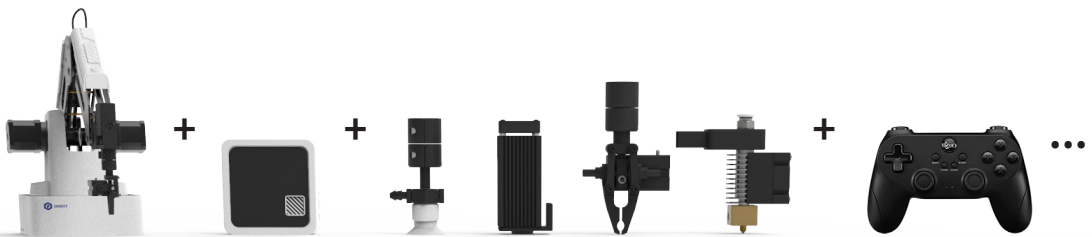
# ▮ DobotBlock: Graphical Programming Software

## Explore & Create

 OCR	 Facial Recognition
 Image Recognition	 Voice Recognition



# ▮ What's In the Package?

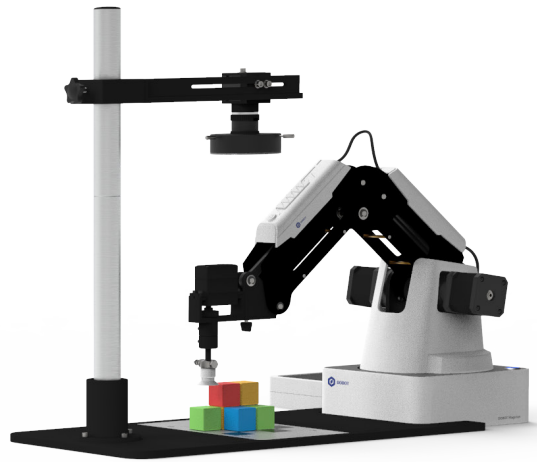


<b>Hardware</b>	DOBOT Magician	Gripper Kit	Pneumatic Kit	3D Printing Kit
	Writing Kit	Game Controller	Accessories & Tool Package	Bluetooth & Wifi Module
<b>Software</b>	DobotBlock		DobotLink Development Software	
<b>Our Service</b>	Technical Support	1-Year Warranty	Step by Step Guide	Video Demo

## What Can I Add On to Develop Further?

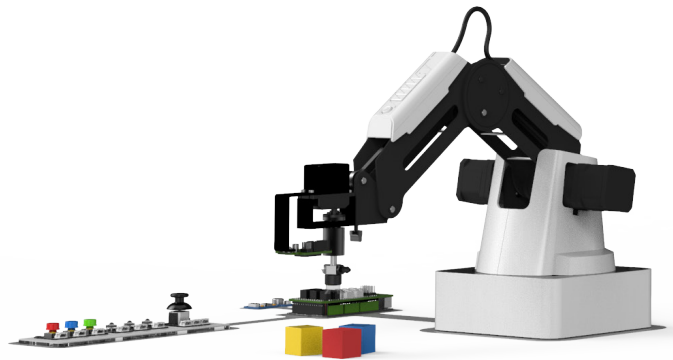
### DOBOT Vision Kit

DOBOT Vision Kit provides a software and hardware platform based on vision development. With drag-and-drop software, users can set up a vision-based application scenario within minutes. Students and teachers can develop research-based projects, AI algorithm simulation and vision-based industrial applications.



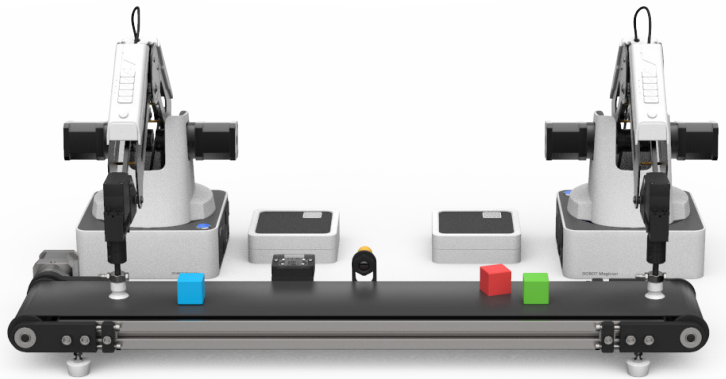
### Basic AI Kit

Basic AI Kit helps beginners understand the fundamentals of robotics, electronics, AI basic and Arduino. Teachers and students can bring AI to life by creating games with hardware and software and even use the engineering design process to break down a problem and design and build a solution.



## ■ Conveyor Belt Kit

The Conveyor Kit features adjustable speed, distance and color sensor, perfect for creating mini automated assembly line to educate students on how automation system works.



## ■ Linear Rail Kit

With Linear Rail Kit, DOBOT Magician can have its working range expanded to one meter (3.28 feet). This means the robot can do more industry 4.0 scenario-based tasks such long-distance pick and place, and a larger range of writing, drawing and laser engraving.

