



**Global leading provider for Desktop-level
Robot Arm Solutions**

Shake Hands With the Future





DOBOT
Magician Lite

Outsmart Robots in the Future



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Magician Lite

Outsmart Robots in the Future



$\pm 0.2\text{MM}$ REPEATED POSITIONING ACCURACY



Turn Creativity into Reality

0.25KG PAYLOAD

Easily meet teaching Needs



340MM ARM LENGTH
Fit for school desks



WEIGHT 2.4KG

Portable and Flexible easy to Deploy





COLLISION DETECTION
Strengthened Safety



TEACH & PLAY
Easy to get started
intuitive and interactive



LIFE TIME: 5000+ HOURS CLASS SESSIONS

Abundant teaching assets

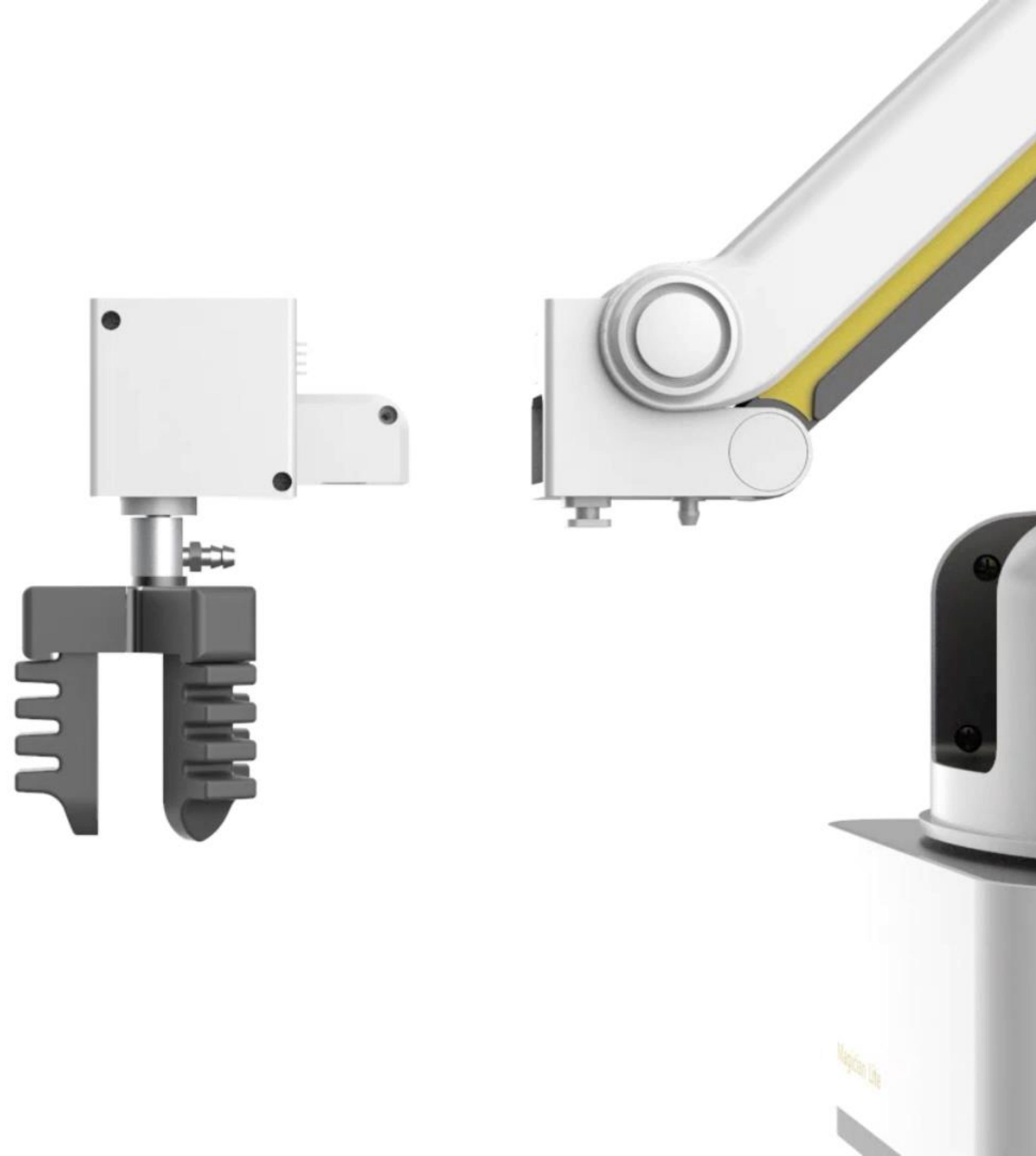
BUILT-IN AIR PUMP

Tidier classroom



CHANGE END TOOL IN ONE SNAP

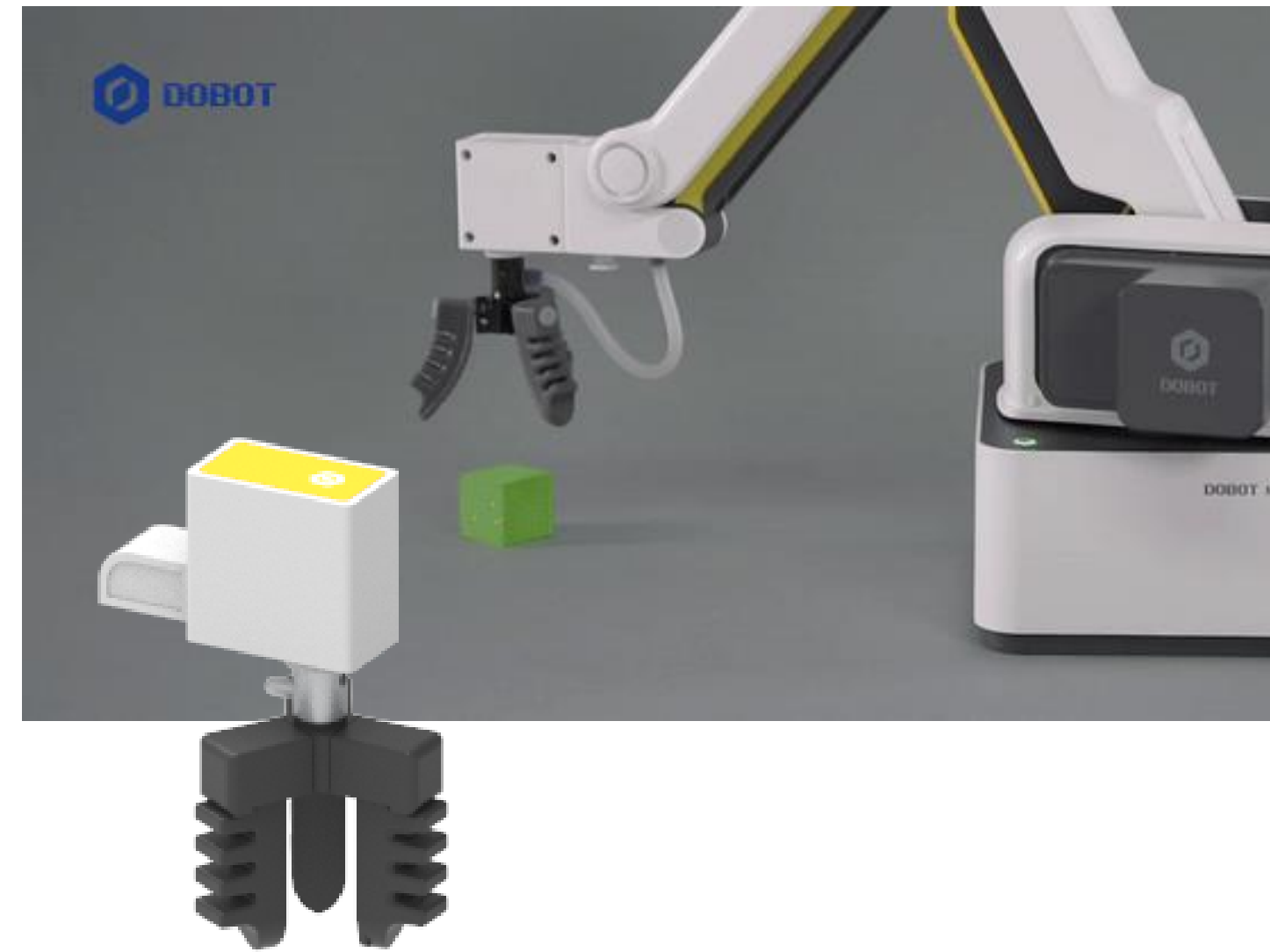
Plug & Play





SUCTION CUP

**Precise and simple
easy to use**



FLEXIBLE GRIPPER

**Futuristic tech
Limitless creative possibilities**



PEN HOLDER

**Flexible pen point for
smooth writing**



SIMPLE & ELEGANT

Magician Lite Accessories

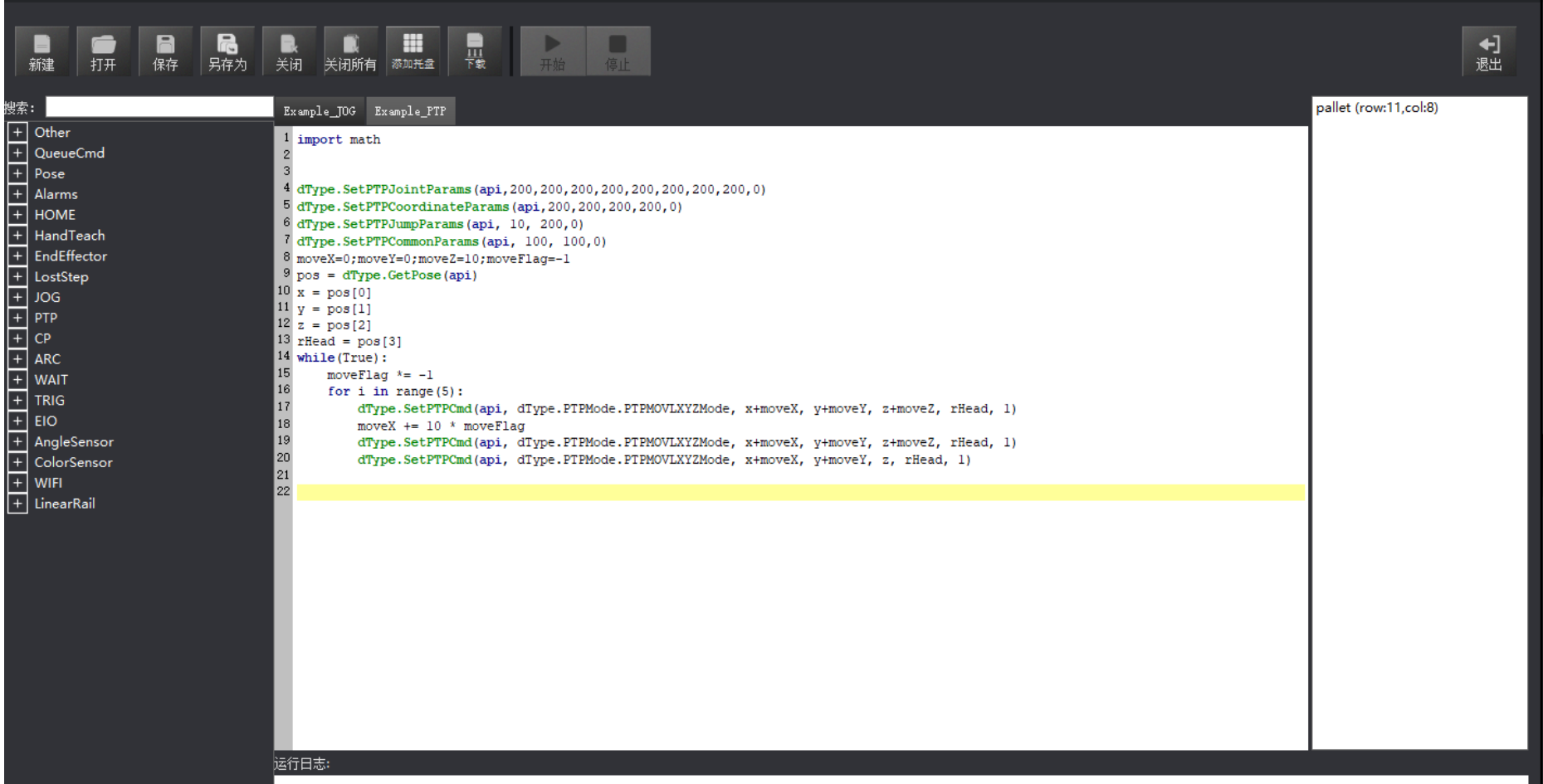
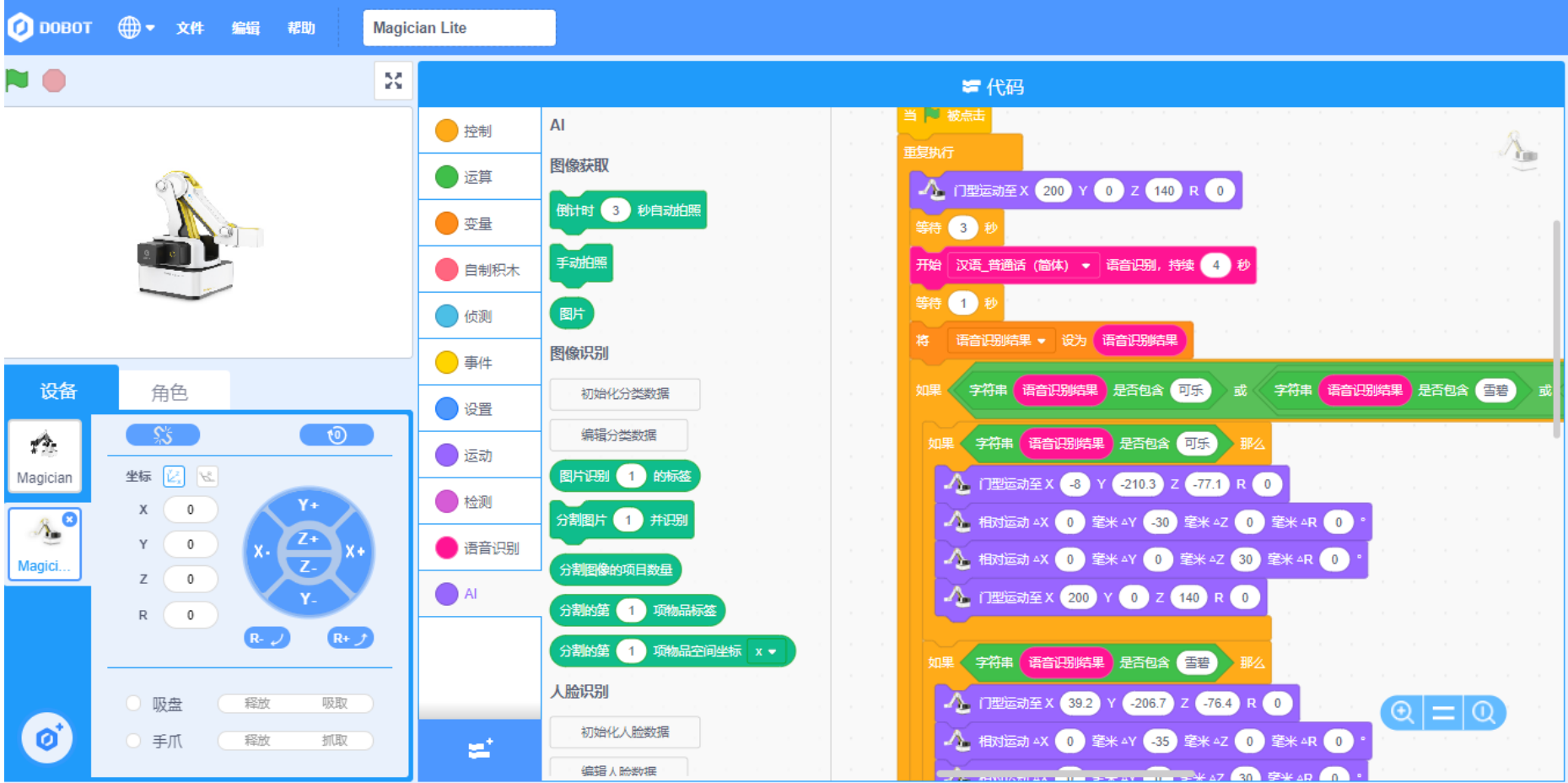
Magic Box

Magic Box for Unlimited Creativity & Possibilities



Scratch & Python

One-Stop Learning Platform





STAND-ALONE MODE



ONLINE MODE

**RICH
EXPANSION**

MULTI-
FUNCTIONAL
COMMUNICATI
ON INTERFACE
x2

12V
CONTROLLABLE
POWER SUPPLY
INTERFACE
x2

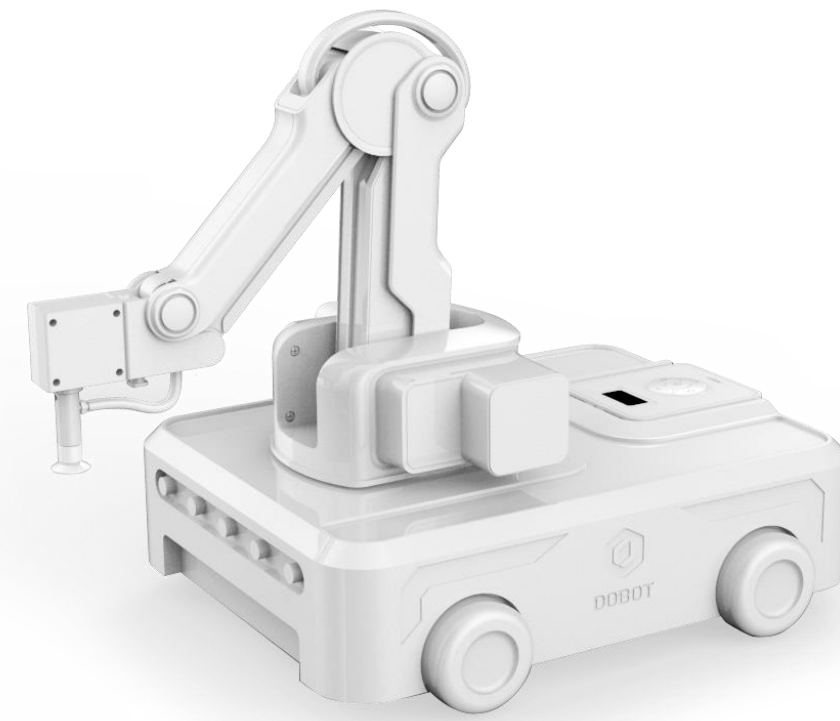
STEPPER
MOTOR
EXPANSION
INTERFACE
x2

GENERAL
PURPOSE I/O
EXPANSION
INTERFACE
x6





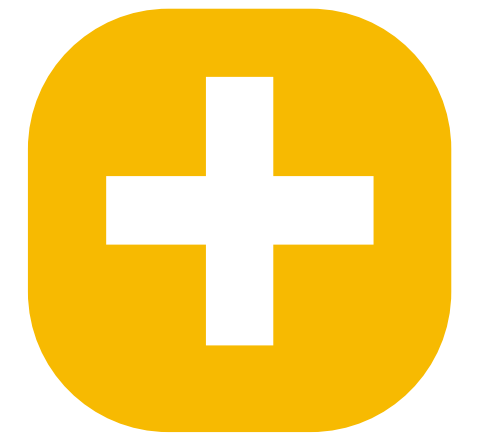
Robotic arm + Magic Box



mobile platform



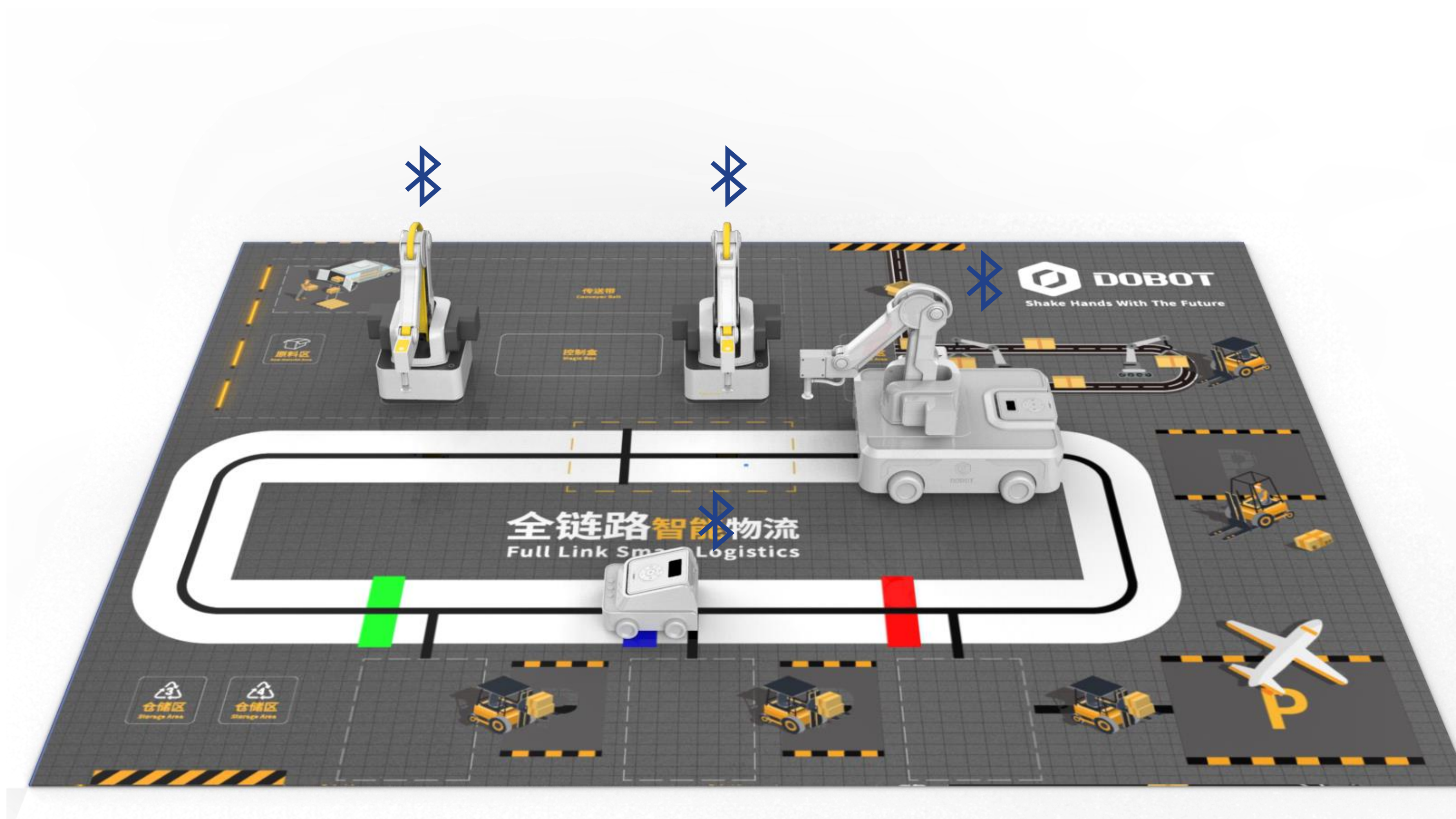
smart car



more

BLUETOOTH
H

Intelligent Control Interconnected





Power Box

60min Battery Life

Easy to Deploy

Break Venue restrictions



AI smart camera

Camera, microphone

No-distortion Camera

Flexible Angling

Magician Lite Software Platform

DobotScratch

AI-powered Graphical Programming Platform



DobotScratch

CAPABILITIES USED IN TYPICAL AI APPLICATIONS

VOICE RECOGNITION

开始 汉语_普通话 (简体) 语音识别, 持续 1 秒

开始 汉语_普通话 (简体) 语音识别, 手动

语音识别结果

语音播放 你好

IMAGE RECOGNITION

倒计时 3 秒自动拍照

手动拍照

图片

图片识别 1 的标签

分割图片 1 并识别

分割图像的项目数量

分割的第 1 项物品标签

分割的第 1 项物品空间坐标 x

FACIAL RECOGNITION

人脸识别 1 的性别为 male

人脸识别 1 的表情为 normal

人脸识别 1 的名字

人脸识别 1 姓名为 Class1 百分比

OCR TEXT RECOGNITION

OCR 识别图片 1 中的文字

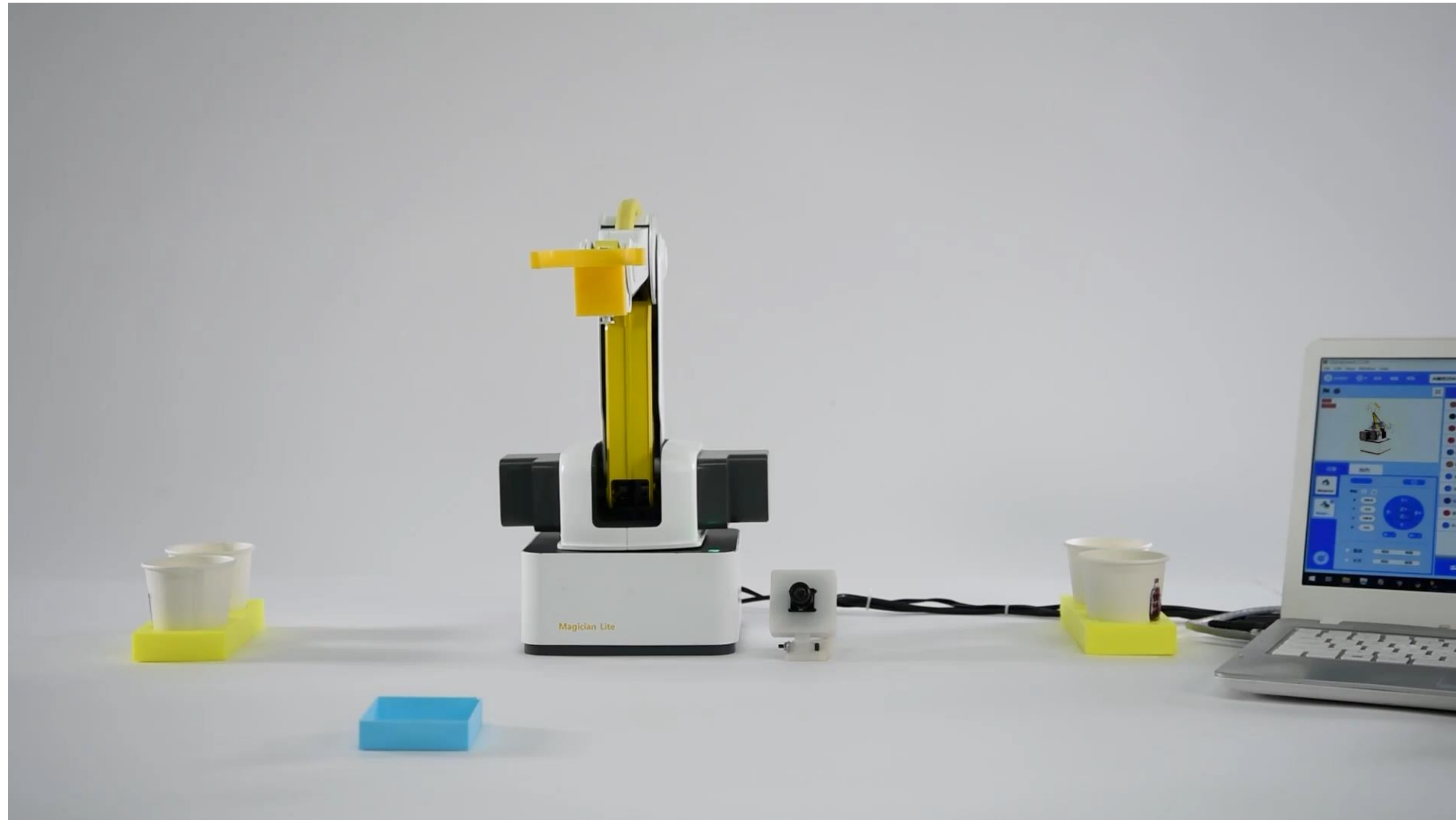
COGNITIVE PERCEPTION OF AI

The screenshot displays the DOBOT Magician software interface for a project titled "垃圾分类V7" (Waste Classification V7). The interface is organized into several functional areas:

- Top Menu:** Includes "文件" (File), "编辑" (Edit), and "帮助" (Help) options.
- Left Sidebar:** Contains "设备" (Device) and "角色" (Character) tabs. The "角色" tab is active, showing a 3D model of the robot arm and a control panel with coordinate inputs (X, Y, Z, R) and directional buttons (Y+, Z+, X+, Y-, X-, R-, R+).
- Central Workspace:** Displays a 3D model of the robot arm.
- Right Sidebar:** Features a "代码" (Code) editor with a block-based programming interface. The "事件" (Event) category is selected, showing various event triggers such as "当被点击" (When clicked), "当按下 空格键" (When space key is pressed), and "当角色被点击" (When character is clicked). The "设置" (Settings) category is also visible, with options for "设置末端工具" (Set end effector tool), "设置运动速率" (Set motion rate), "设置关节速度" (Set joint speed), and "设置XYZ速度" (Set XYZ speed).
- Bottom Status Bar:** Shows a timer at 00:08 and navigation icons.

THE APPLICATION AND PRACTICE OF AI

AI Waiter



THE APPLICATION AND PRACTICE OF AI

Smart warehouse



THE APPLICATION AND PRACTICE OF AI

Hand Gifts



THE APPLICATION AND PRACTICE OF AI

Garbage Classification



MINIATURE IMMERSIVE SCENARIO LEARNING



CURRICULUM

FUN-BASED

48 LESSONS, 156 HOURS, PROJECT-BASED LEARNING

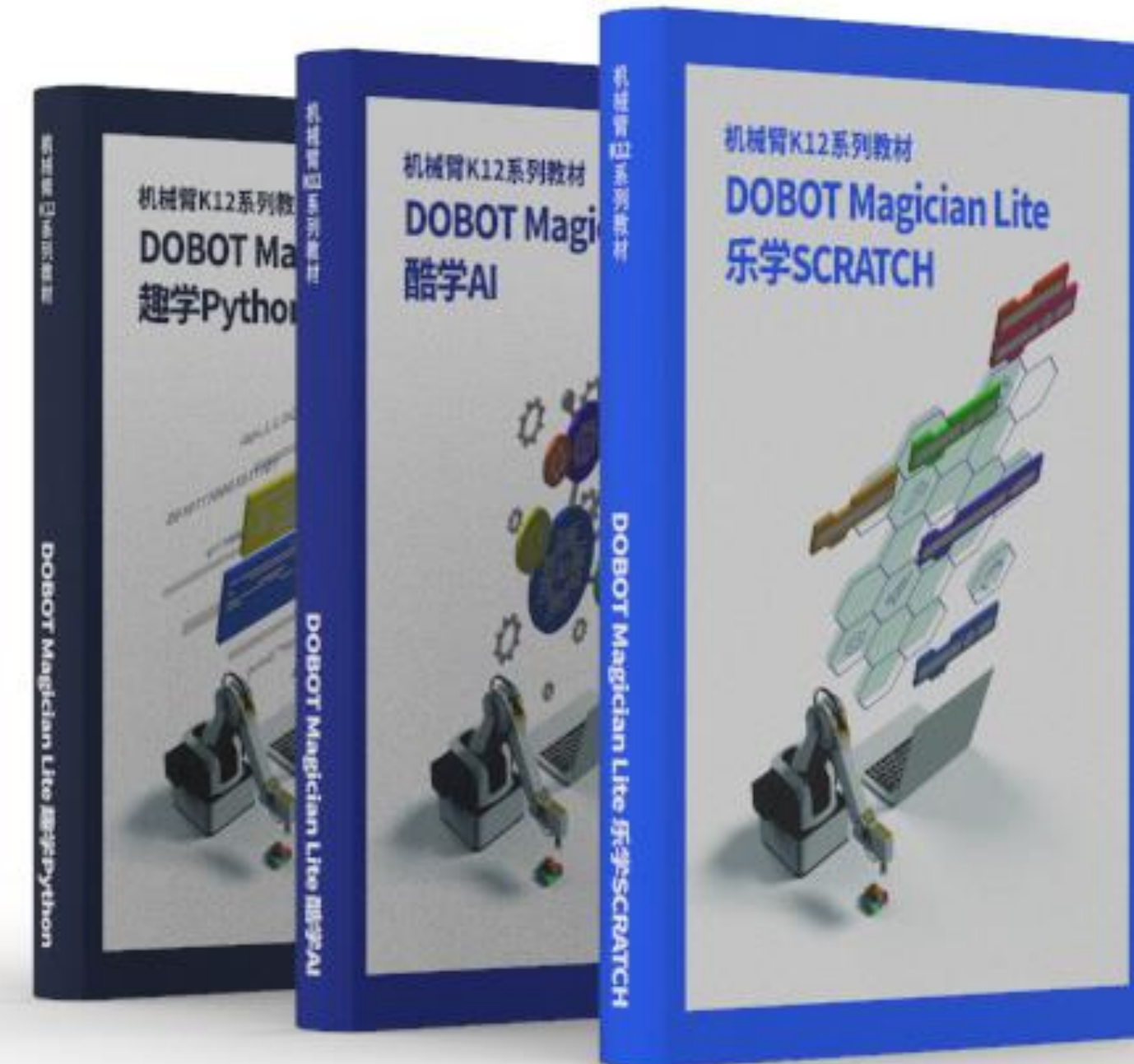
INNOVATIVE THINKING TRAINING

ALL-AGE SPIRAL CURRICULUM

**EXPERIENTIAL LEARNING:
PERCEPTION & EXPERIENCE**

**PROJECT-BASED LEARNING:
COMPUTING & REASONING**

**TOPIC-BASED LEARNING:
CREATION & CREATIVITY**



ENVIRONMENTAL PROTECTION CHALLENGE CONTEST


**COMPETITION
GAME CONTROLLER**
+
ENGAGING


**COLLABORATION
PROGRAMMING CONTROL**



AI + STEAM

ONE-STOP SOLUTION

CORE
PRODUCT

PERIPHERAL
ACCESSORIES

HAPPY TO LEARN
CREATE FOR LIFE

TEACHING
RESOURCES

COMPETITION