

UBTECH

Dream with Robots



# AlphaMini

INTELLIGENT EDUCATION COMPANION

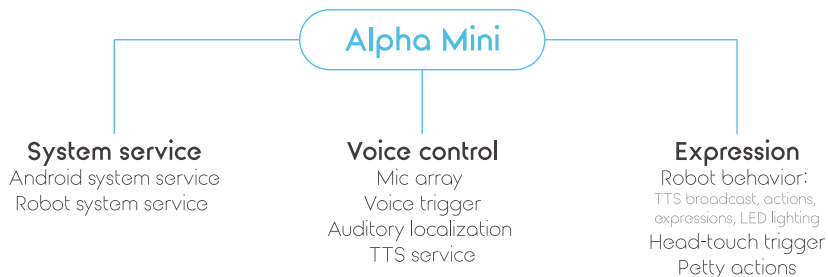


WRC2018  
Most Innovative Product



CES2019  
Most Innovative Product

[www.ubtrobot.com](http://www.ubtrobot.com)



## Supported AI Technology



### Intelligent Movement

Self-defined Movement  
Position, Obstacle Avoiding,  
Balance Control



### Intelligent Voice

NLP, TTS, ASR Localization  
Voice Command, Library  
Differentiation



### Intelligent Emotion

Facial Expression, Tone  
Customization, Behavior, Body  
Language Customization



### Intelligent Vision

Object, Facial Recognition  
Algorithm, Image Library  
Customization

## Hardware Parameters

### Touch Sensor

Touchable control on top of its head

### TOP IR Sensor

Detect obstacles and distance

### Communication Kit

Communicated via 2G/3G/4G  
network, Wi-Fi or BT

### Position Sensor

Gyroscope, accelerometer & GPS

### Precise Servo

14 micro servos ensure mobility

### 4 Mic Matrix

Collect voice far to 3-5m, 360 acoustic  
orientation

### HD Camera

13MP, automatic focusing

### Dual IPS LCD

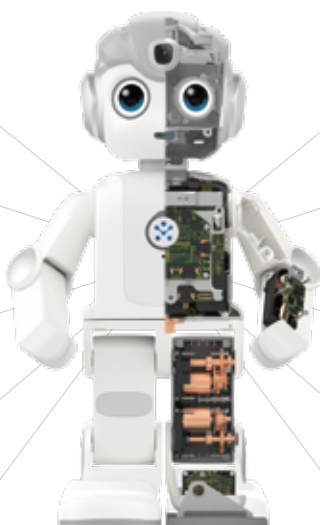
Colorful and wide-angle LCD

### Stereo Speaker

Dual track, high quality stereo sound

### Body Material

High quality ABS material



# AI Curriculum

AlphaMini is not merely a cute and interesting companion who can help teachers and students on various subjects, it can also be an interactive carrier for AI foundation curriculum. Students in different ages can get to know what AI is and experience what AI can do, learn AI technology and algorithm through exclusive courses. With teaching guides and slides, teachers can also get full support.

## Contents of the Curriculum



Get total control of AlphaMini via graphical programming



Learn vision intelligence, speech intelligence also other AI technologies



Study how to apply AI and robotics to solve problems in reality

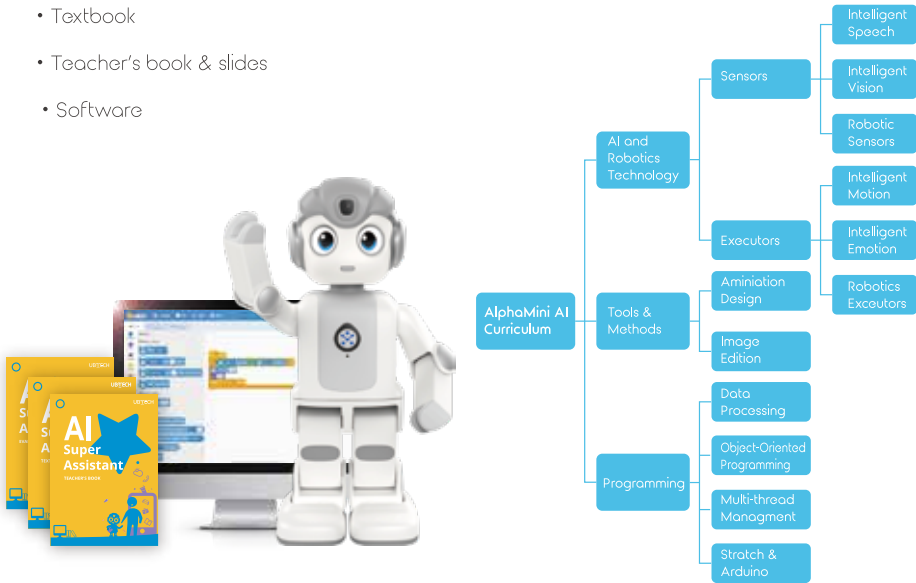


Deploy AI solutions across animation, AlphaMini and other models

## Supporting Materials

- Textbook
- Teacher's book & slides
- Software

## Knowledge Map



## About UBTECH

Founded in 2012, UBTECH is a global leading AI and humanoid robotic high-tech company engaging in R&D, manufacturing, promoting as well as popularizing humanoid robots around the globe. In January 2018, UBTECH becomes the world's highest valuation of AI startups at 5 billion US dollars.



Global Top 100 AI Enterprise  
(2017-2018)



World's Top 10 AI Ventures  
(2018)



Selected in the China Made Brand Program  
(2018)



China's Top 50 Most Innovative  
Enterprises  
(2018)



China's Top 50 AI Enterprises  
(2018)



China's Top 10 Unicorn Enterprises  
(2018)

## Partnership

We are looking for



Kindergartens /  
Schools



Education institutions /  
training centers



Education application  
providers

## Our Partners



University of  
Sydney



Carnegie Mellon  
University



Tsinghua  
University



IEEE



Victory  
Production



Canvas  
LMS

# AI Education Global Network

UBTECH has global AI education networks in more than 40 countries across regions including America, Europe, Asia, Africa, Australia.





## Teaching Assistant

Alpha Mini attracts students and impacts them with humanlike actions.

- Knowledge explanation
- Case demonstration
- Idea performance
- Student interaction





## AI Study Tool

AlphaMini supports AI based curriculums for students to study.

- AI Basic Knowledge
- Scratch Programming
- Multi-layer curriculums
- AI Application Practice



## Self-study Companion

AlphaMini provided students with information and assist them.

- Weather Information Query
- Mathematic Calculation
- Time and Time zone
- Cross-language Translation







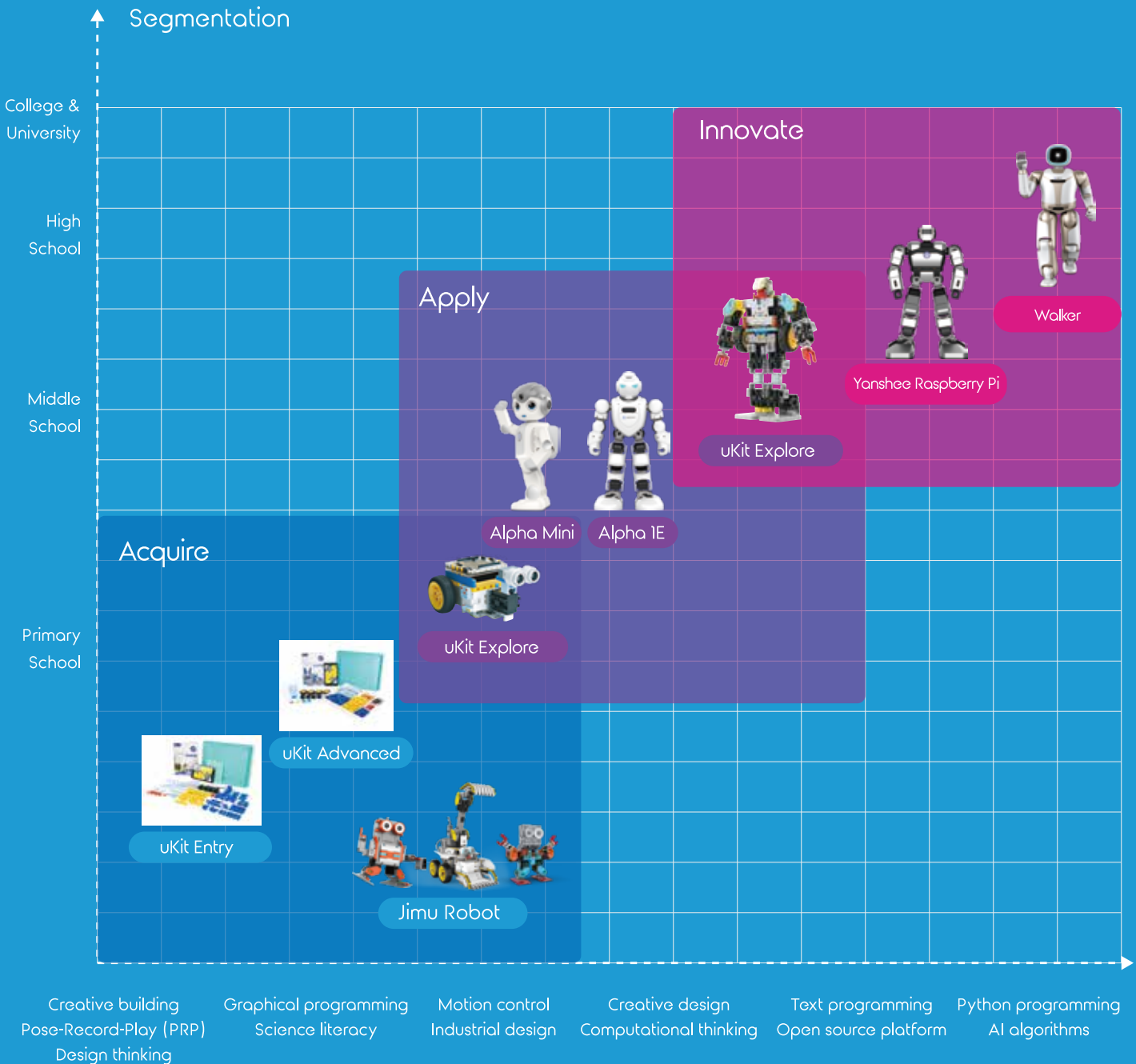
## Unlimited Possibilities<sup>\*</sup>

AlphaMini can carry services and applications of different subjects.

- Picture Books Reading
- Studying Contents Pushing
- Music/language Studying
- Studying Schedule/Alert

\* These Features need be localized, developed or provided by UBTECH 3rd Party development partner, may differ in countries and regions

# UBTECH Education Curriculum-Robot Map



Welcome to contact us to build a partnership!

## CONTACT US

UBTECH ROBOTICS CORP LTD

Email: [marketing@ubtrobot.com](mailto:marketing@ubtrobot.com)

Tel: 86-755-83474438

Service Line: 800-276-6137

Website: [www.ubtrobot.com](http://www.ubtrobot.com)

Facebook: UBTECH ROBOTICS