

Educational Robots Presentation

www.qlytss.com



QUALITY SUPPORT SOLUTIONS
Building the future



Quality Support Solutions .Co .LTD

QSS is one of the first Saudi technical companies to provide dynamic solutions in the field of artificial intelligence, robotics, automation, advanced monitoring and military tracking solutions.

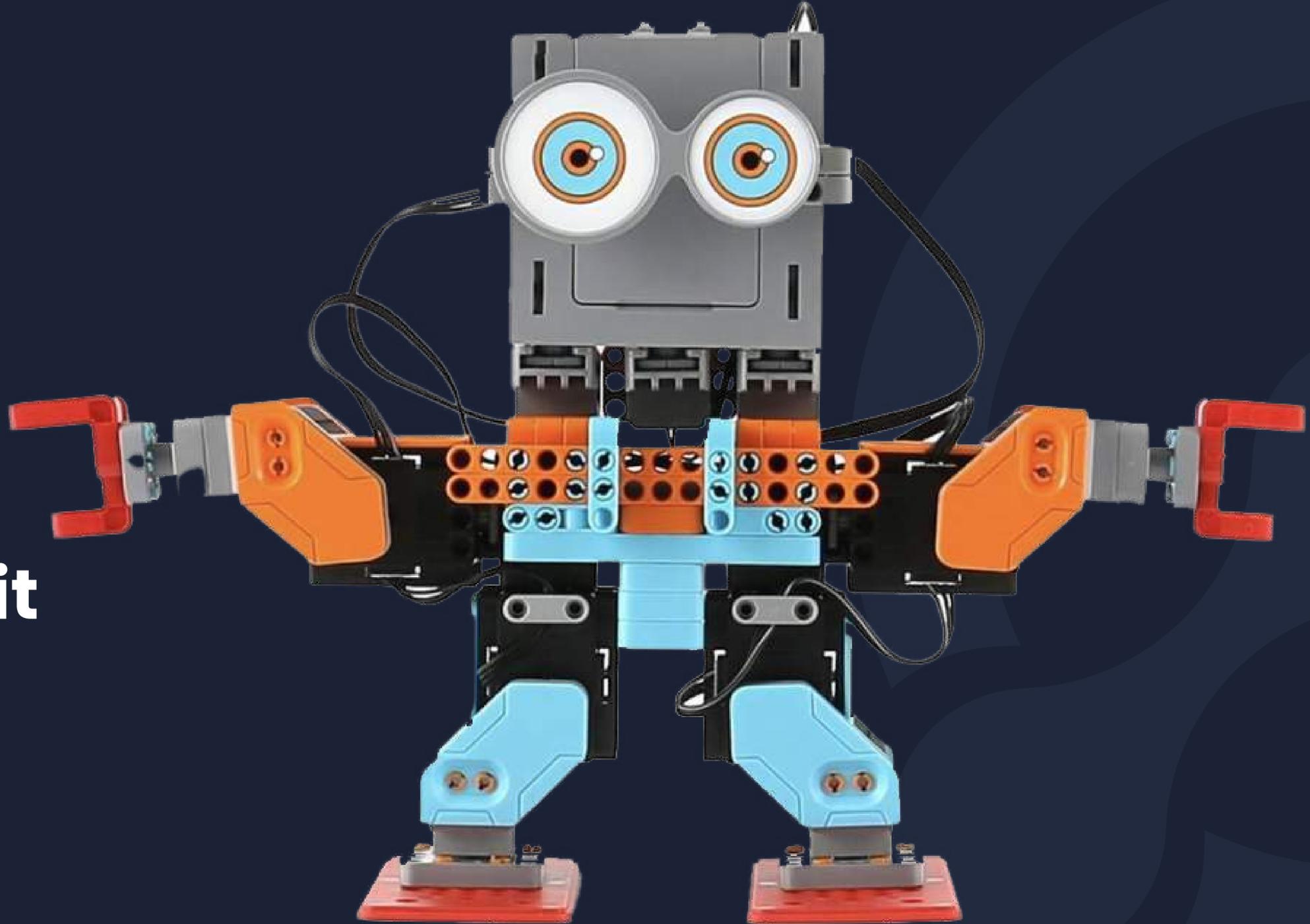
We support Vision 2030 through the continuous development of modern technology and its provision to all types of government and private structures.

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UKIT

Educational Robotic Kit Presentation

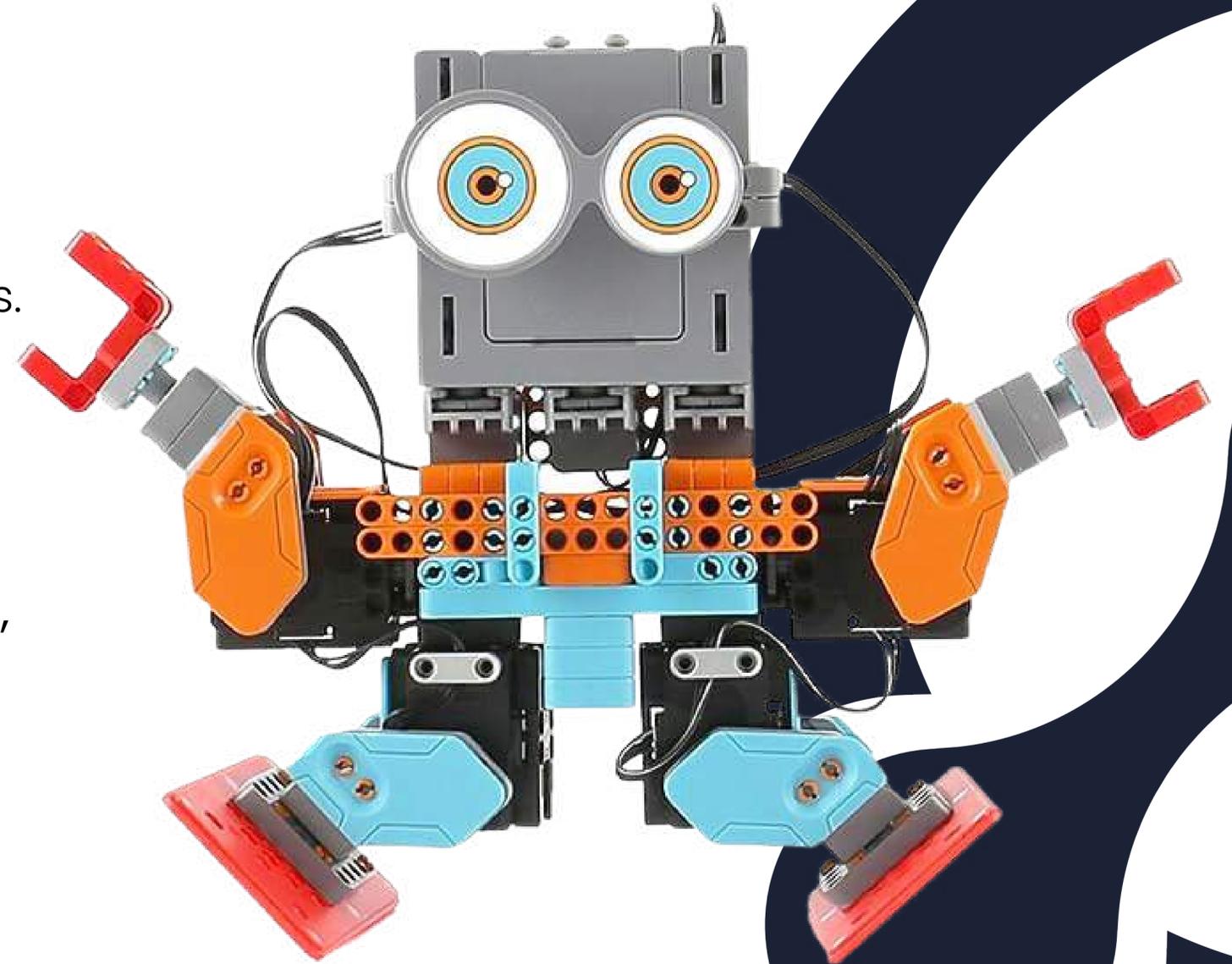


INTERACTIVE ROBOTIC BUILDING SYSTEM

The uKit series is easy-to-build and programmable robots specifically designed for education. It has corresponding hardware and software solutions for different levels of learners.

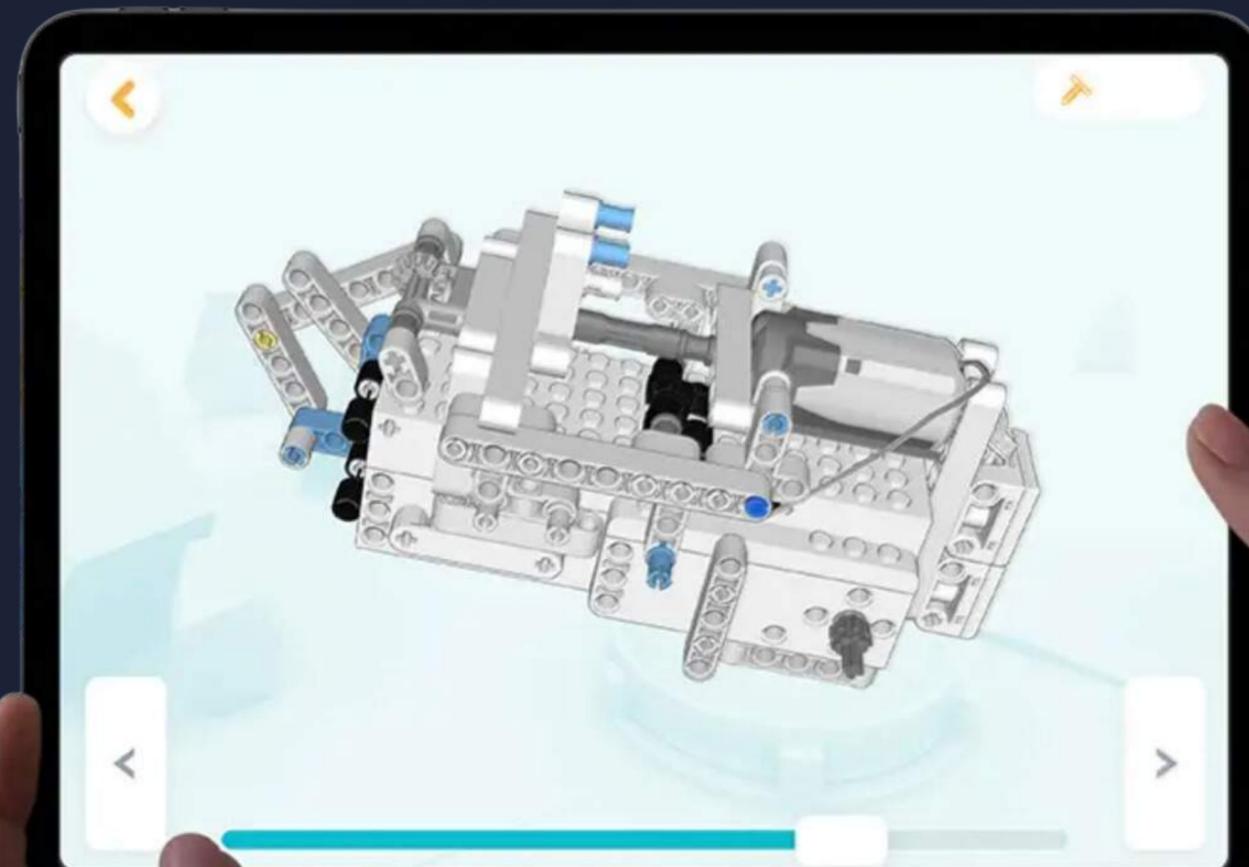
USER FRIENDLY DESIGN

Easy to build with animated 3D guidance and snap-fit design, using green and safe materials (ABS+PC plastic).



Multiple Coding Languages for Different Levels of Students

HD Camera 16 degrees of freedom Dual IPS LCD screen
14 servo motors 3 sensors Gyroscope 4 microphones
Stereo sound Windows PC / iOS and Android tablet
programmable Communication kit



Technical Details

- Product Dimensions: 6.35 x 20.32 cm; 1.73 Kilograms
- Batteries: 1 CR5 batteries required. (included)
- Manufacturer recommended age: 8 years and up
- Educational Objective(s): STEM Learning
- Number of Puzzle Pieces: 264
- Assembly Required: Yes
- Batteries Required: Yes
- Batteries Included: Yes
- Material Type: Plastic
- Remote Control included: No

ABUNDANT ELECTRONIC PARTS

Actuator: LED module, DC servo.

Sensors: Infrared sensor, touch sensor, ultrasonic sensor, sound sensor, light sensor, color sensor, temperature and humidity sensor, grey sensor etc.

Others: Bluetooth speaker, bread board, Bluetooth module, resistor, LED lattice etc.

SCIENTIFIC AND SYSTEMATIC CURRICULUM

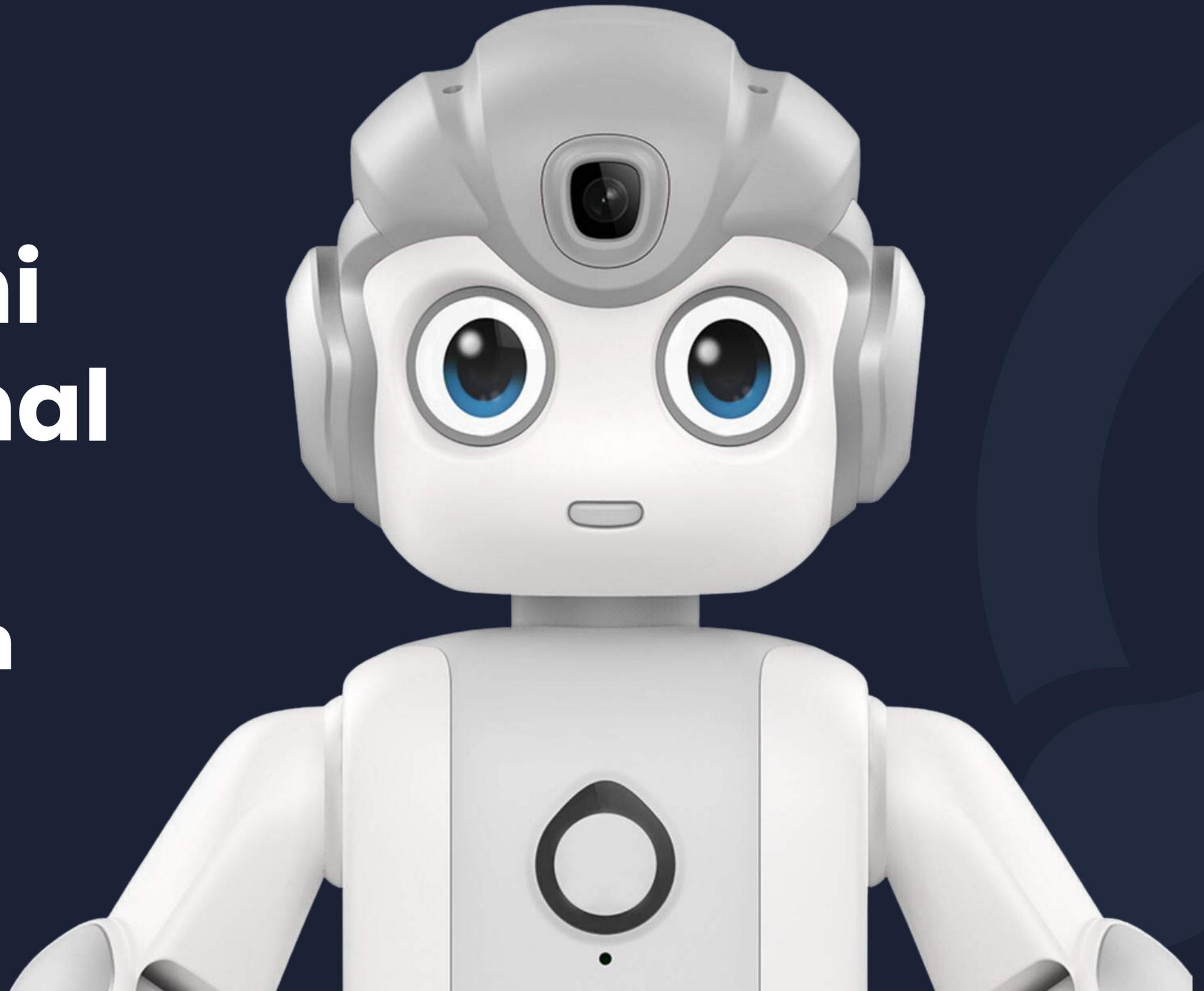
Tailored curriculum offerings are available to enable educators to easily integrate the program into the classroom. These offerings were developed in conjunction with experienced educators in this field.



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Alpha Mini Educational Robot Presentation



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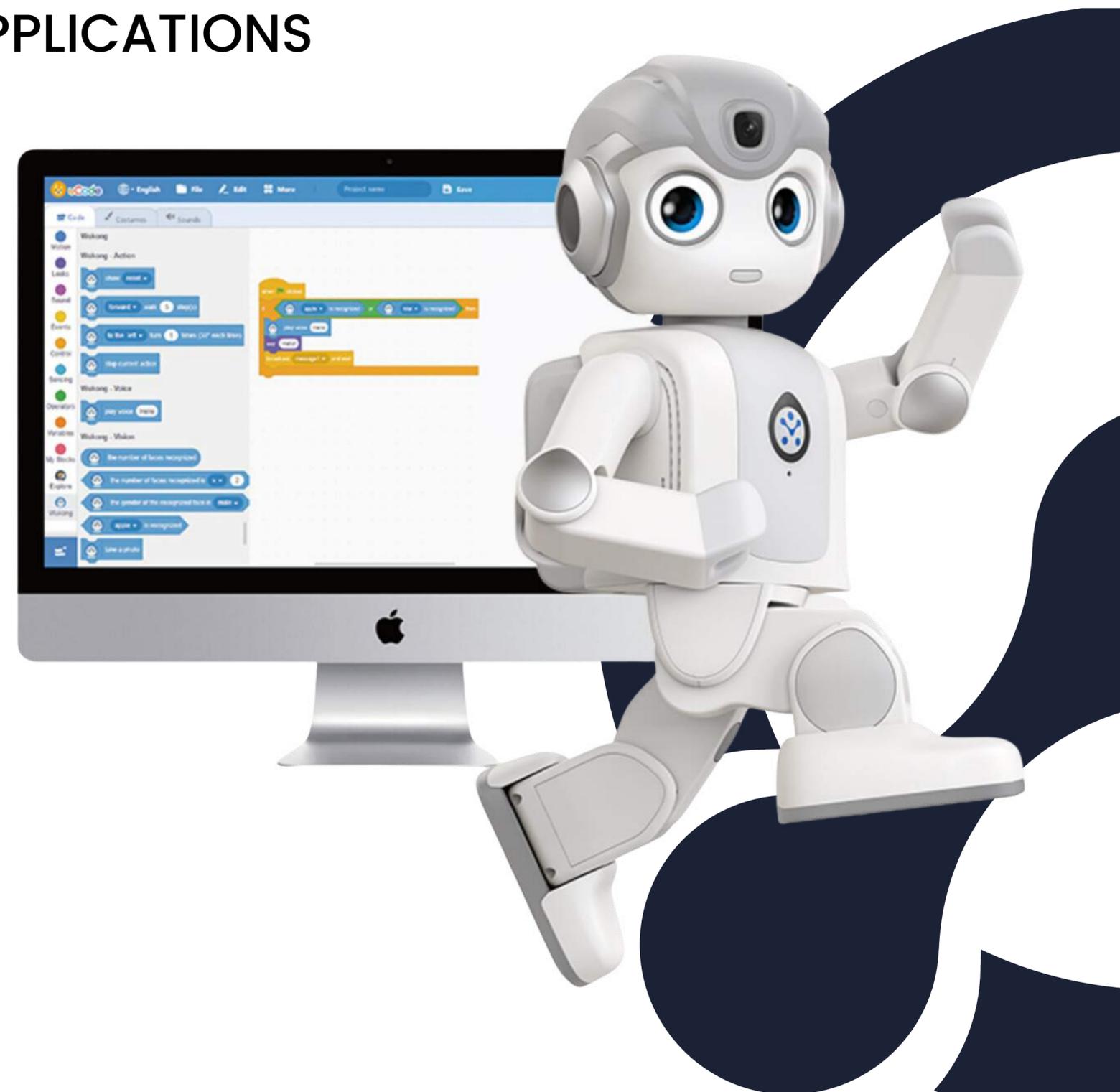
EXPERIENCING AND EXPLORING AI ROBOTIC APPLICATIONS

The humanoid robot AlphaMini is the ideal platform for teaching AI robotic knowledge and applications at various levels.

He can serve as both a versatile teaching assistant and an essential carrier for AI robotic curriculum delivery.

TEACHING ASSISTANT

AlphaMini can deploy customized teaching activities on either a one-to-one basis or in small groups. He can help educators to teach core subjects including reading, writing, math, English...as well as a wide range of fields linked to robotics such as mechanics, motion control and computer science.



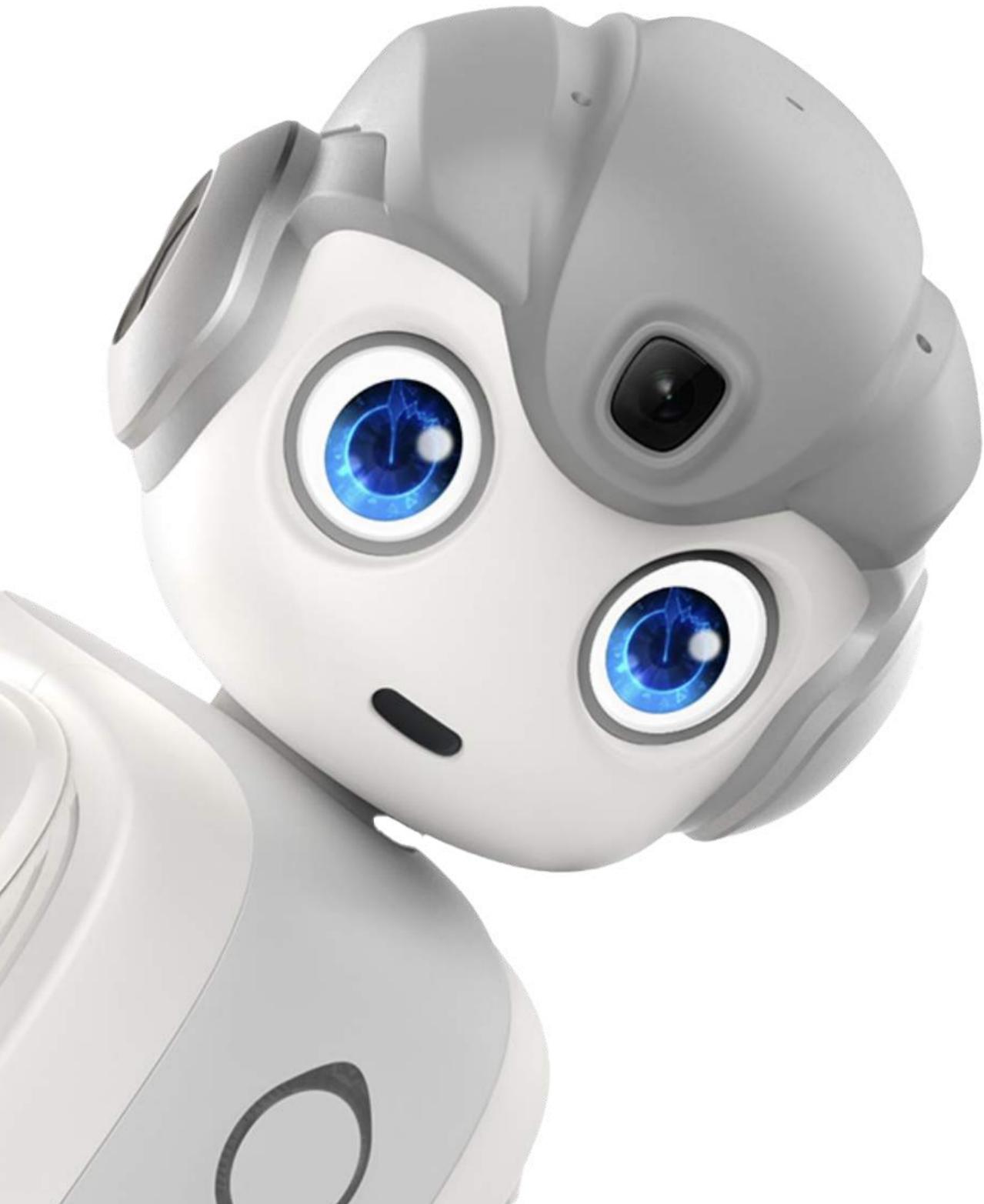
Face Recognition

Object Recognition

AI Camera

Product Specifications

- HD Camera
- 16 degrees of freedom
- Dual IPS LCD screen
- 14 servo motors
- 3 sensors
- Gyroscope
- 4 microphones
- Stereo sound
- Windows PC / iOS and Android tablet programmable
- Communication kit



INCREASING STUDENT ENGAGEMENT

AlphaMini has been designed to make its interaction with human beings as natural and intuitive as possible. He can easily build emotional links with teachers and students with his eye-catching appearance, vivid facial expressions and highly humanlike behaviors such as sneezing.

STUDENTS CREATING THEIR OWN INTELLIGENT WORLD

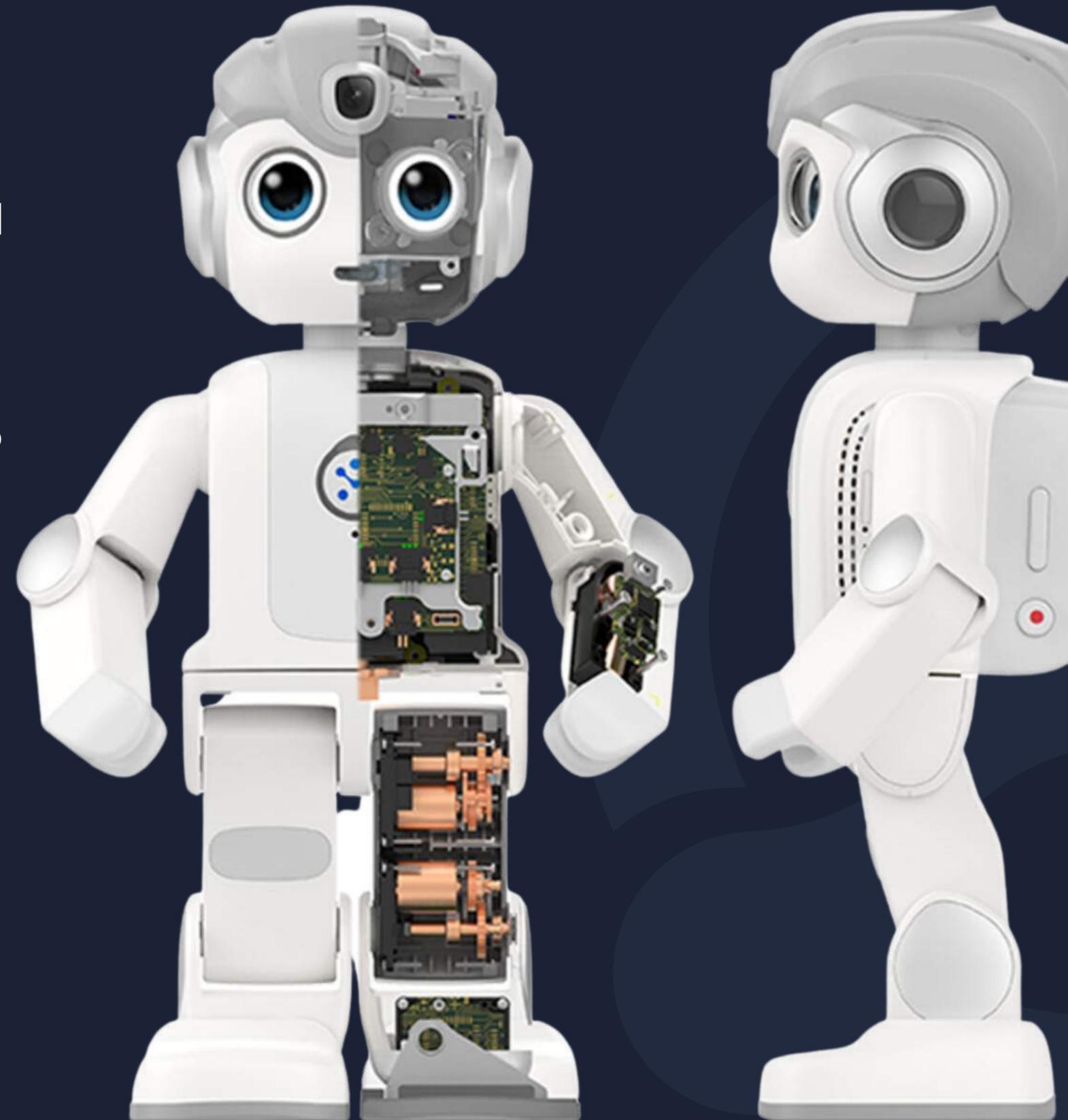
AlphaMini is a fully programmable robot. Based on the “Learning + making” education approach, the AlphaMini platform allows students to learn and practice AI robotic technologies and skills, which leads to finally innovate.



ALPHA MINI PROGRAMMING AND CUSTOMIZATION

The Alpha Mini humanoid educational robot is fully programmable. This means you can customize his actions depending on the lessons and exercises you want to present to your pupils.

Being able to add different educational materials in this way will allow you to tackle different subjects. Pupils have access to a variety of learning resources, and can even discover how to program Alpha Mini to get a better understanding of robotics. He is programmed using a Scratch-type block interface, can detect obstacles with his infrared sensor, and recognises 75 voice commands in English.



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B u i l d i n g t h e F u t u r e



Primary (upper-grade)
+ middle school



14 servos



4 mic array



HD Camera



3 Sensors



Stereo sound



Dual IPS LCD



Gyroscope



Communication Kit



Cybersecurity Compliance Certificate

Issuance Date: 10.11.2022
CCC Reference Number: 09-989-101122-N



Cybersecurity Compliance Certificate

This is to confirm that

Quality Support Solutions Co. Ltd

[Commercial Registration No. 1010559652]
Riyadh, KSA

Was subject to an assessment by RSM - Saudi Arabia to evaluate its compliance with Saudi Aramco Third Party Cybersecurity Standard (SACS-002). Based on the assessment carried out between **15 Septmeber 2022** and **11 October 2022**, Quality Support Solutions Co. Ltd was found to be compliant with the Standard.

For the classification of: **General Requirements, Type: CCC**

This certificate is valid for a period of two years from the date of issuance.

Disclaimer:

This certificate is provided based on the information provided by Quality Support Solutions Co. Ltd that indicates their cybersecurity posture at the time of the assessment. RSM – Saudi Arabia has not evaluated the adequacy or appropriateness of the Standard compiled by Saudi Aramco. RSM – Saudi Arabia evaluation was limited to assessment against Saudi Aramco Third Party Cybersecurity Standard (SACS-002) and should not be relied upon as an assurance beyond the areas covered by this Standard. RSM – Saudi Arabia shall not be liable for any loss, damages, costs or expenses directly or indirectly incurred by any third party, who may rely upon this certificate for whatsoever reason. This certificate is only for the purpose of meeting the requirements of Saudi Aramco and should not be published on any website or relied upon by anyone other than Saudi Aramco.



Authorized Signatory

By Audit Firm

ISO Certificates

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Certificate of Registration



This is to certify that Quality Management System of

QUALITY SUPPORT SOLUTIONS

7302 Eastern Ring Road, 4571 Ar Rabwah Dist., 12824 Riyadh

is in accordance with the requirements of the following standard

ISO 9001:2015

(Quality Management System)

SCOPE

Robotics & Artificial Intelligence Solutions

Certificate Number : SCK/01/QSS/22/96/3560

Initial Registration Date : 12-Dec-2022

1st Surveillance Date : 12-Nov-2023

2nd Surveillance Date : 12-Nov-2024

Certificate Expiry Date : 11-Dec-2025

To verify certificate, visit at :

www.sckcerts.com
www.iafcertsearch.org

Issued by SCK Certifications Pvt. Ltd.

AD
Director



Accreditation Board : 3080, Saturn Street, Suite 100, Brea, California 92821-4732, USA

This certificate remains the property of SCK and must be returned to SCK on Cancellation or Suspension of the certificate. Validity of the certificate is subject to successful completion of surveillance audits. Further clarification regarding the scope of this certificate and the applicability of standard may be obtained by consulting the Organisation on info@sckcerts.com

Certificate of Registration



This is to certify that Information Security Management System of

QUALITY SUPPORT SOLUTIONS

7302 Eastern Ring Road, 4571 Ar Rabwah Dist., 12824 Riyadh

is in accordance with the requirements of the following standard

ISO 27001:2013

(Information Security Management System)

SCOPE

Robotics & Artificial Intelligence Solutions

(SOA: SOA/QSS/Ver.1.0/Rev.00/Date:12.05.2022)

Certificate Number : SCK/05/QSS/22/96/3562

Initial Registration Date : 12-Dec-2022

1st Surveillance Date : 12-Nov-2023

2nd Surveillance Date : 12-Nov-2024

Certificate Expiry Date : 11-Dec-2025

To verify certificate, visit at :

www.sckcerts.com
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Issued by SCK Certifications Pvt. Ltd.

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Director



Accreditation Board : 3080, Saturn Street, Suite 100, Brea, California 92821-4732, USA

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Certificate of Registration



This is to certify that Occupational Health & Safety Management System of

QUALITY SUPPORT SOLUTIONS

7302 Eastern Ring Road, 4571 Ar Rabwah Dist., 12824 Riyadh

is in accordance with the requirements of the following standard

ISO 45001:2018

(Occupational Health & Safety Management System)

SCOPE

Robotics & Artificial Intelligence Solutions

Certificate Number : SCK/03/QSS/22/96/3561

Initial Registration Date : 12-Dec-2022

1st Surveillance Date : 12-Nov-2023

2nd Surveillance Date : 12-Nov-2024

Certificate Expiry Date : 11-Dec-2025

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**Thank You
for your time!**

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