⬢ Hamster

PishRobot is exclusive distributor of HAMSTER ROBOT in Iran.

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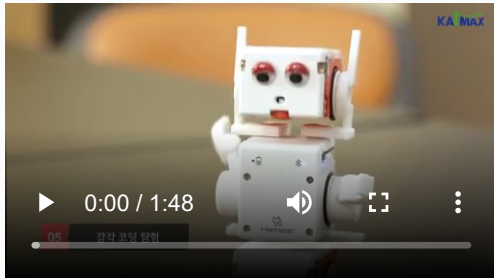
Hamster Robot

From Coding Education for Kids, **To** Doing Advanced Projects in the Universities

Using Hamster Robot, you can easily and joyfully teach Coding to the Kids. Hamster Robot, a product of KAIMAX from Korea, is a small and lovely robot specialized for software education. Hamster Robot comes with a systematic curriculum and workbook. Using this systematic curriculum students could easily learn software coding with various activities in the class.

But Hamster is not a robot for coding education only. Despite its tiny size, a lot of sensors and advanced peripherals are installed on the Hamster robot. Hamster also works with different programming languages. So advanced users and university students could do a lot of university level projects like SWARM robot projects using Hamster Robot.

Why we should Teach Kids to Code?

Many developed countries emphasize on the necessity of software and coding education. That's because IT field is very closely affecting people's real lives. The major purpose of software education is to improve logical thinking, computational thinking and problem-solving abilities.
Computational Thinking is a way of solving problems, designing systems, and understanding human behavior based on computer science concepts.

In addition, software is the core of creating new and high-wage jobs of the future. Accordingly, Software Coding Education is essential for cultivating global talents of digital age.

Why Scratch?

Scratch is a free educational programming language that was developed at the Massachusetts Institute of Technology (MIT). It is geared towards children ages to 8-16 and grades 3rd grade to high school.

Scratch is designed to be fun, educational, and easy to learn. It has the tools for creating interactive stories, games, art, simulations, and more, using block-based programming. Scratch even has its own built-in paint editor and sound editor.

Users program in Scratch by dragging blocks from the block palette and attaching them to other blocks like a jigsaw puzzle.

This method of programming (building code with blocks) is referred to as "drag-and-drop programming".

Hamster Robot comes in different colors and attractive fields
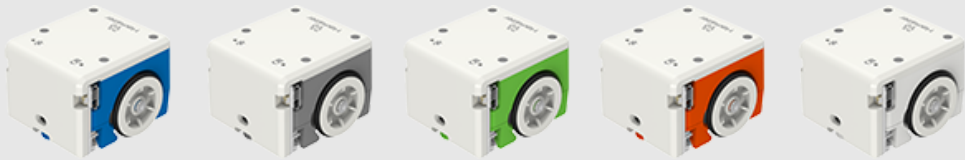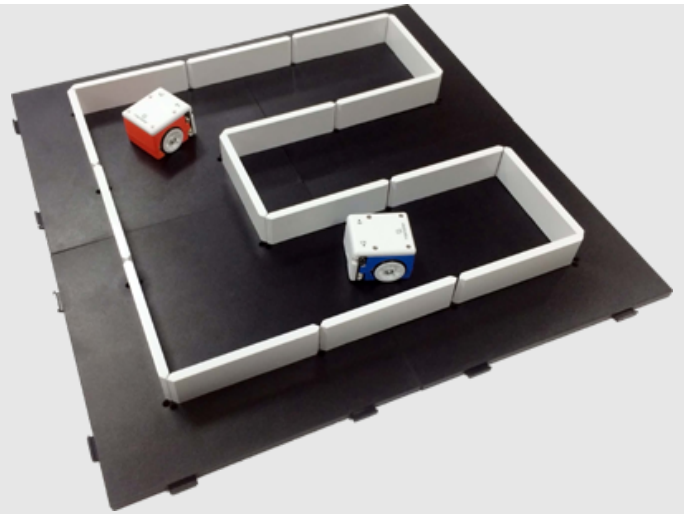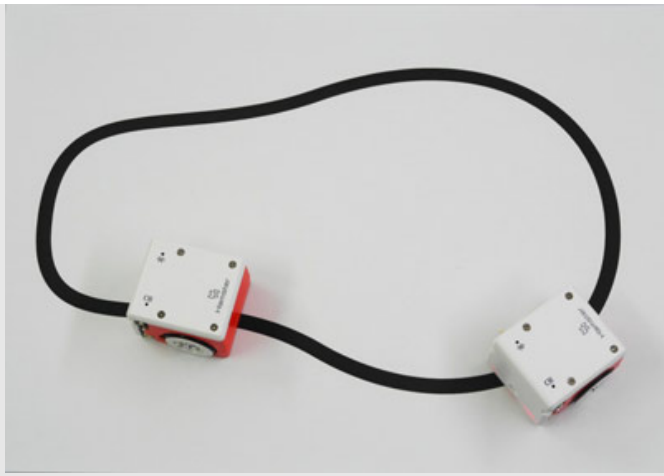
Features of Hamster Robot

Compact size and cute design

Li-Poly battery, 3.7V, 120mA

Several built in programs for easy activation

DC Motors x2

Front proximity sensors 2x

Line sensors x2

7 color LEDs

3-axis acceleration sensor

illuminance sensor

Internal temperature sensor

Piezo speaker

External expansion terminal 2x : Additional connections

Compatible with different programming languages Like:

Connect to PC and smartphone / tablet

Scratch, Entry, Python, JAVA, C++, ...

Use Bluetooth 4.0 BLE, range within 15M

User's Manual ...

Programming with Hamster in different languages

Let's go on a coding adventure!

Understand the problem → Find solution to the problem → Create steps slowly

Present and share → Run and modify the code → Code the program

Scratch   Entry   Python

Processing   C   C+   JAVA

This robot is small but awesome!
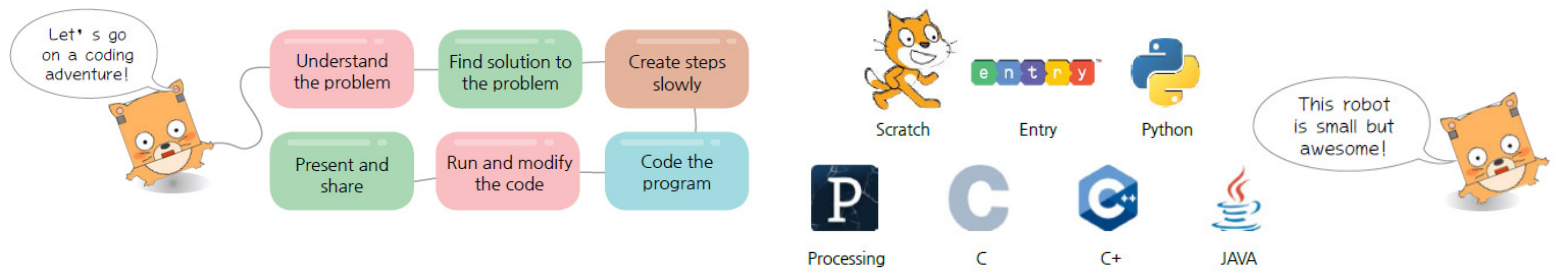
Benefits of Coding Education

★ Enhance the problem-solving ability, logical thinking and creativity of students
★ Enables students to develop strong teamwork and motivation
★ Economic activation by creation of new and high value-added jobs in the future

PISHROBOT	ROBOTS & KITS	ROBOT PLATFORMS	ROBOT PARTS
ROBOTICS EDUCATION	PBOT CODING ROBOT	ROBOTIS-OP HUMANOID ROBOT	DYNAMIXEL
EDUCATIONAL ROBOTS OLYMPIAD	KAI ROBOT	NAO HUMANOID ROBOT	DYNAMIXEL PRO
STEAMCUP COMPETITIONS	HAMSTER ROBOT	PISHROBOT ROBOTIC ARMS	DEVANTECH
ABOUT US	ROBOTIS IDEAS	ROBOTIS MANIPULATORS	HOKUYO
HISTORY	ROBOTIS OLLO	UNIVERSAL ROBOTS	ROBOARD
DEALERS	ROBOTIS DREAM	TITAN RESCUE ROBOT	QUTEPC
CONTACT US	ROBOTIS MINI/BIOLOID	AUTONOMOUS RESCUE ROBOT	
	ROBOBUILDER	PISHROBOTINO MOBILE ROBOT	

- PISHROBOT
- ROBOTIS OP
- NAO

- TURTLEBOT3 ROBOT

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