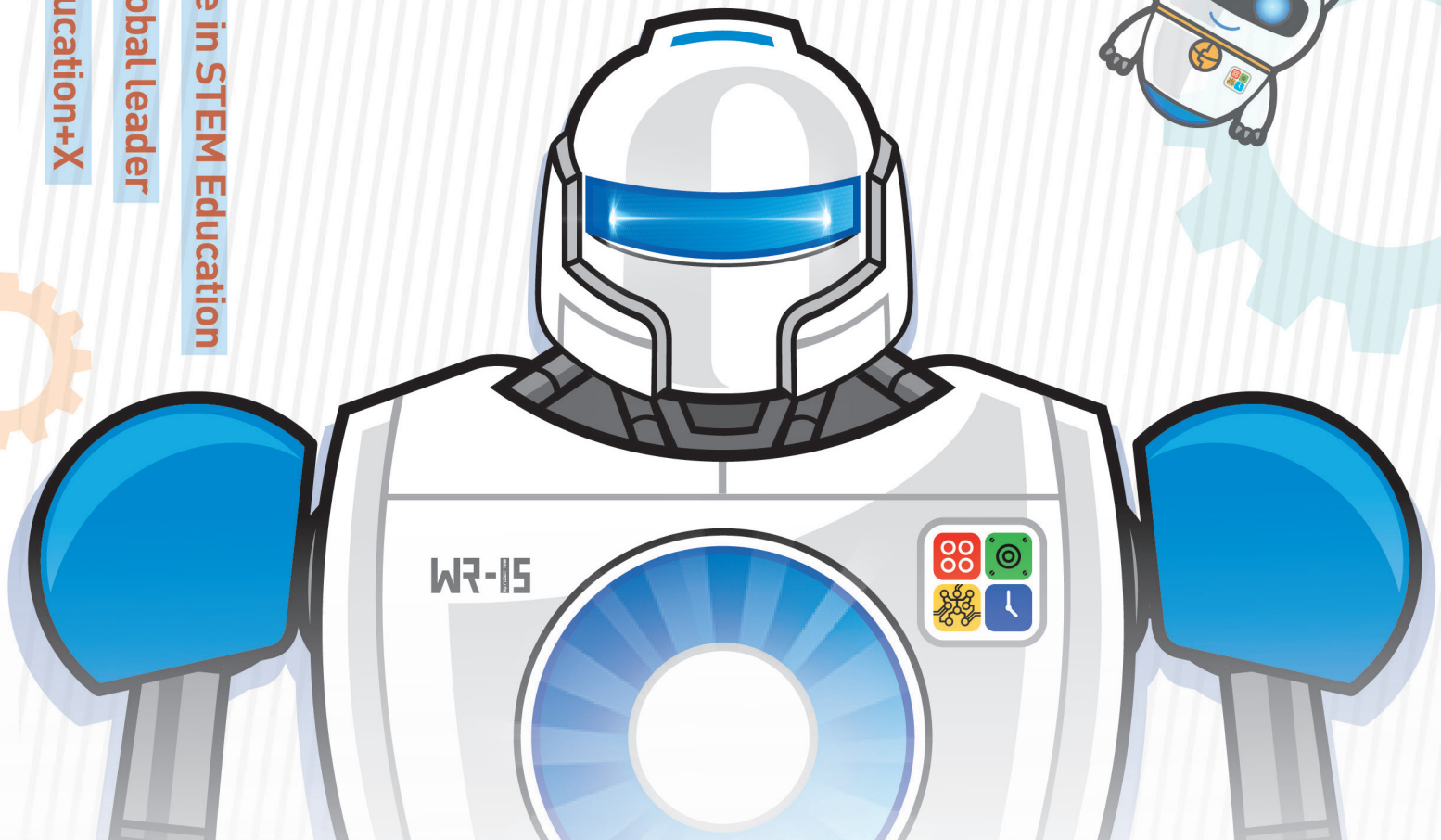


Robot+Education+X

To be a global leader

enterprise in STEM Education



I ❤️ ROBOTICS

## A TOTAL SOLUTION FOR ALL RANGE OF AGE GROUP

Model building-Card programming-Graphic programming-Scratch/Sketch programming/Arduino development tool-Humanoid programming-3D printer Model programming



## Company Profile

My Robot Time(MRT) was built in 2008 at Shenzhen. For ten years, MRT has been established subsidiary in Hongkong China, Korea and Malaysia. MRT is one of the founder of Shenzhen Educational Equipment Industry Association, also one of the earliest robot educational firm.



Entirely for kids...

Focus, Innovative, Unfold, Win-win

### Science



Improving kids ability in creativity and scientific thinking with robotics assembly.



### Technology

Kids explore coding and application by making different program to control robot

### Engineering



MRT six sides block is easy develop various type of robot model to study more robotics structure.



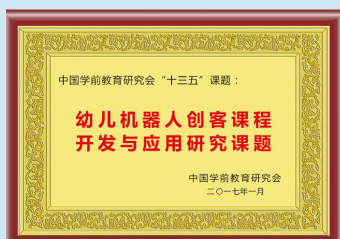
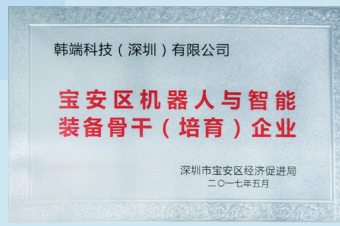
### Mathematics

Helping kids know how to take numbers and equations into daily life.





## Certification



## Robot Building-Card Programming-Graphic Programming-Scratch/Sketch Programming & Arduino Development Tool & Humanoid Programming-3D Printer Humanoid Robot Programming

### Retail Series:

- My Robot Time Series
- Soccer Robot Series
- New Demo



### Secondary (Age 10-15)

- MRT 5 · MRT Duino · MRT-Blacksmith Smart · MRT-Coconut
- MRT-X · MRT Arduino · MRT-Blacksmith

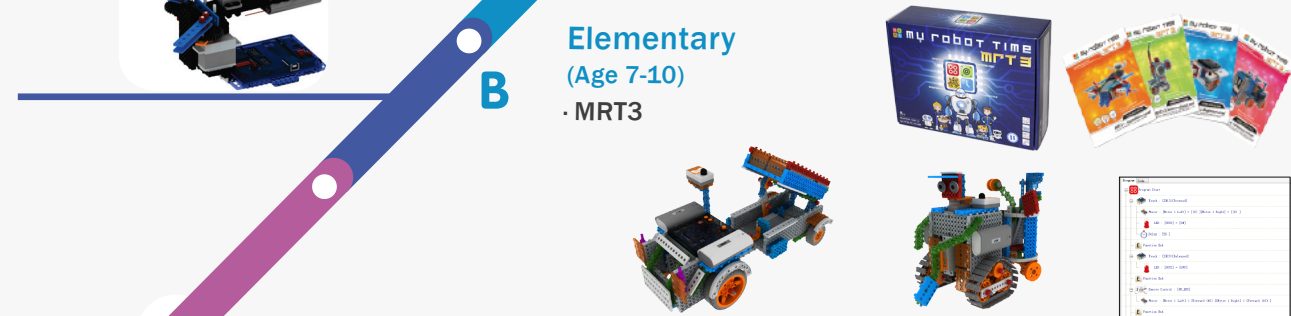
### Secondary high school (Over Age 15)

- Humanoid:Line-Core m
- 3D printer Model



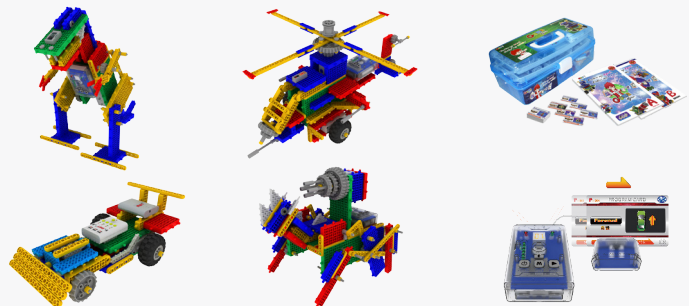
### Elementary (Age 7-10)

- MRT3



### Kindergarten (Age 4-7)

- Goma Hand
- Goma Brain
- New Kicky



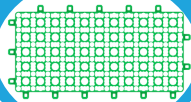
Age  
4+

Models  
40

## MRT Goma

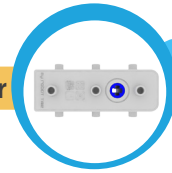


Card manual

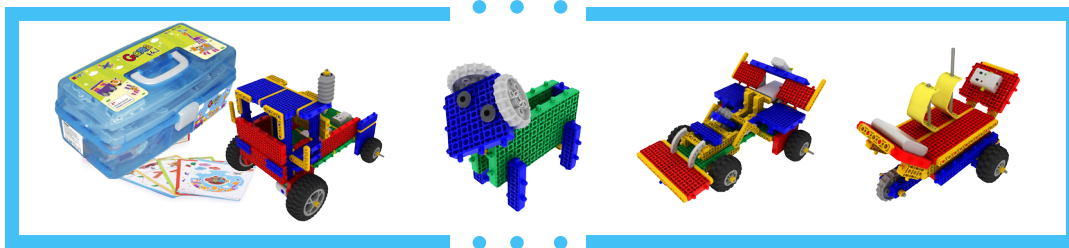


Big block

Geared motor



Swith board  
Easy understand &  
operation



Age  
5+

Models  
34

## KICKY



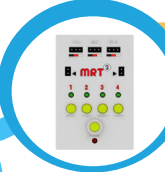
IR/touch sensor



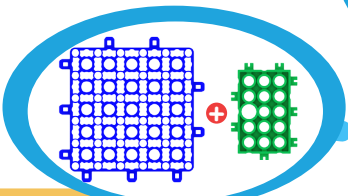
Remote controller



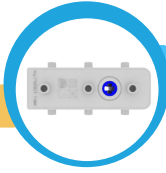
pre-program  
meel controller  
4 modes



big & samll block  
combination



Geared motor



Tutorial with stor y  
Famy for kids  
to learn



Age  
6+

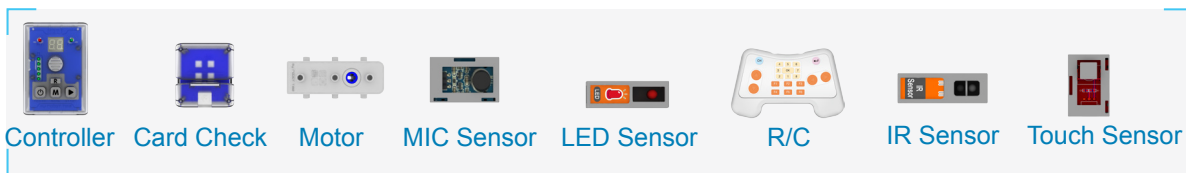
Models  
32



( Unplugged Coding Kit )

Best entry-level robotic kit with card programming, including 2 levels.

	Same	Difference	Model
BrainA	Big block, Geared motor (rpm 110)	Mainboard, Touch/IRsensor Card check	16
BrainB		R/C sensor & Remote controller Mic sensor Sharing mainboard and cardcheck with Brian A	16



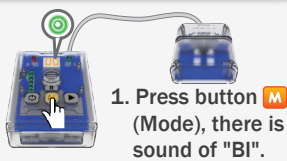
### programming card



### Unplugged computational thinking



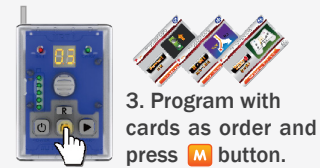
### Example of swiping card



1. Press button **M** (Mode), there is sound of "BI".



2. When program with cards, there is sound of "BI" and show the number and amount of cards



3. Program with cards as order and press **M** button.

### package



Age  
7+

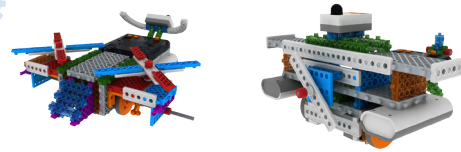
Models  
45

## MRT3

( Unplugged Coding Kit )

MRT 3 series includes 4 levels from pre-programming to graphic programming by PC software step by step to learn robotics knowledge

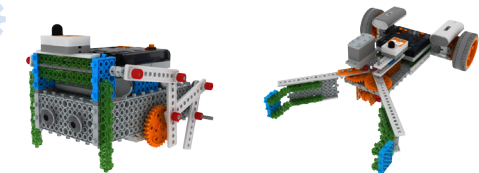
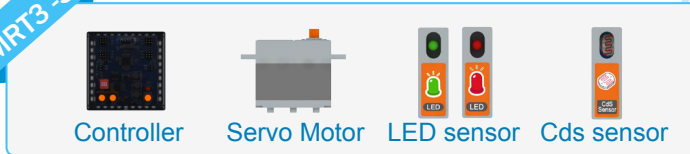
MRT3 -1



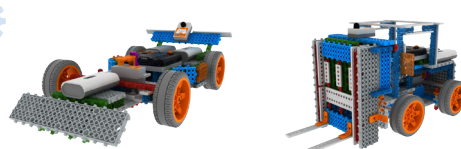
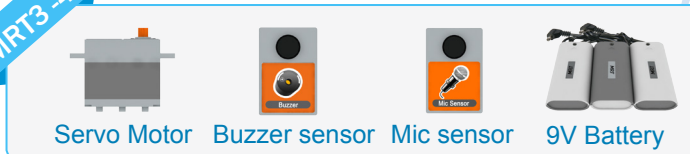
MRT3 -2



MRT3 -3



MRT3 -4



Workbook

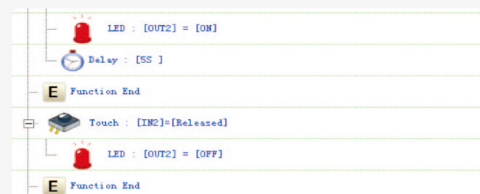


Look book

### Software



MRT compiler is a compact.  
C-based GUI for programming the  
robot controller.



### Two package two choice



Package



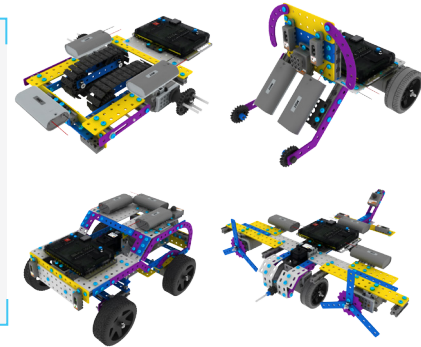
Full kits

Age  
10+

Models  
20



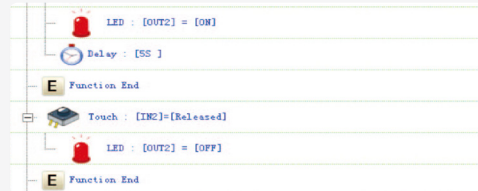
Using aluminum block instead of plastic blocks, including 2 chapter.



## Software



MRT compiler is a compact.  
C-based GUI for programming the robot controller.



Workbook

Two choice



Package



Full kit

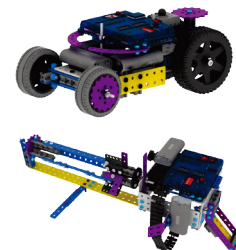
Age  
10+

Models  
30

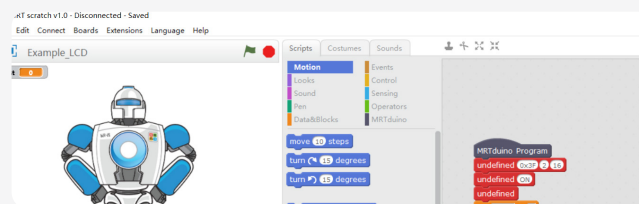
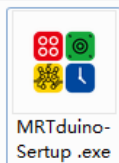
# MRT Arduino



Using Arduino mainboard to compatible with Srtach/Sketch. An update kit combining all advantage of MRT5 with MRT-Duino.



## Software

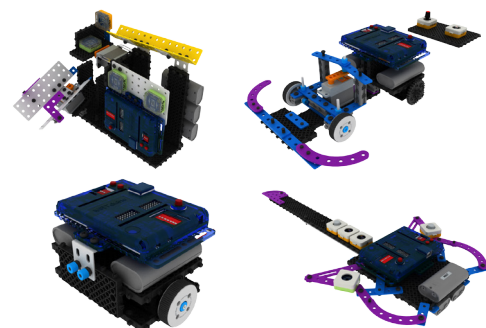
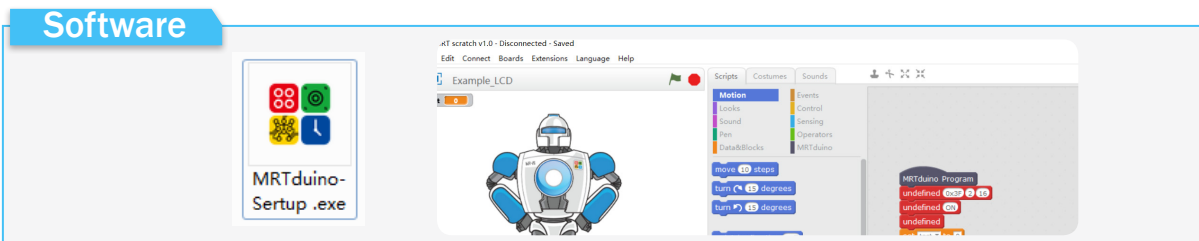
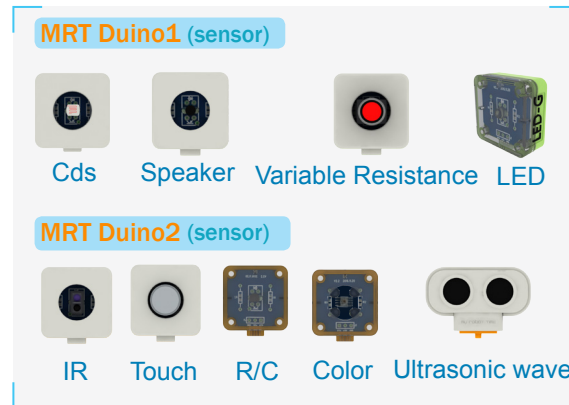
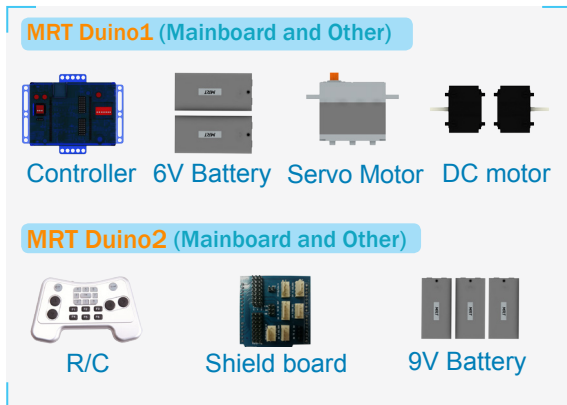




Age  
10+  
Models  
20

## MRTduino ( My Robot Time + Arduino + Scratch )

MRT Duino uses MRT Scratch (Arduino + Scratch) consist of MRT3 blocks and MRT5 AL frame. 2 levels included.



Age  
8+

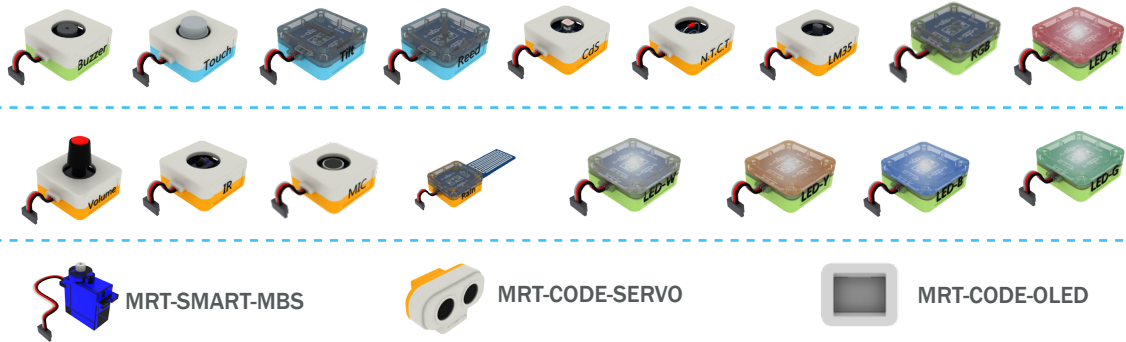
**SMART**  
CODING BOARD

**BLACKSMITH**  
BOARD

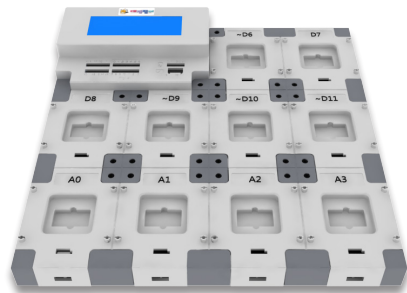
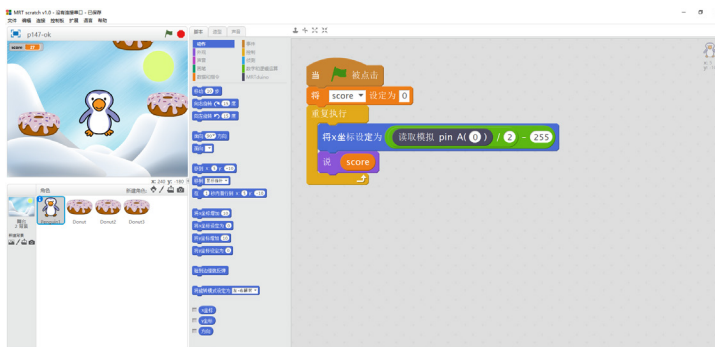
MRT-Blacksmith/Smart

MRT Blacksmith is a coding board that using Arduino -Uno board to learn different sensors functions. MRT Blacksmith Smart is the upgrade the mainboard function to program LCD.

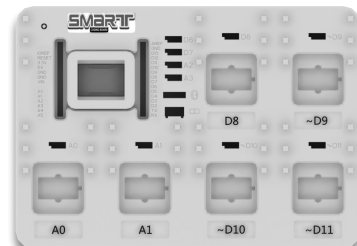
Sensors



Software



MRT-Blacksmith



MRT-Blacksmith Smart

Age  
9+

**MRT-COCONUT**



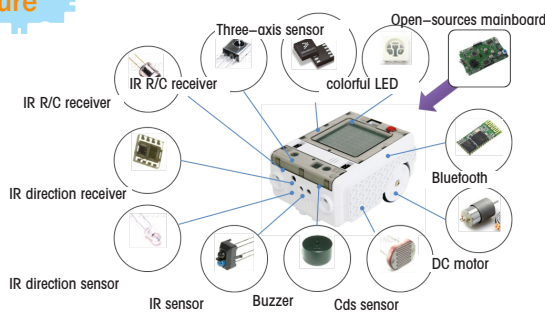
An easy educational coding kit with all sensors inside. Program with Arduino board + Scratch and compatible with all MRT products.



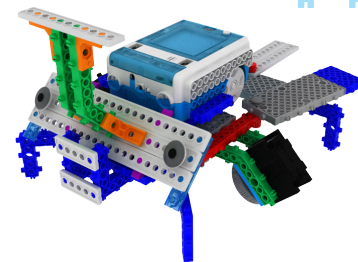
Box



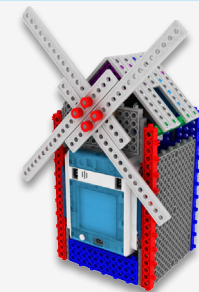
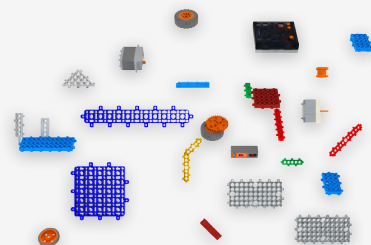
Feature



Model

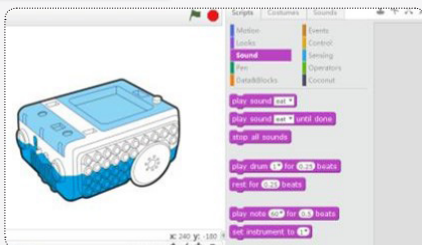


## Combine blocks and sensors



Combine MRT blocks and electrical sensors

## Software



Computer software

Mobile application

Age  
15+

## LINE – Core m



The Humanoid robot consists of 18 LSM-micro motors with RGB LED. The motor can combine with 3D printer to build other models also compatible with MRT products.

Machine parameters		Motor parameters	
1	Height: 27cm	1	Maximum torque: jhghh5.3kg@5V 1000mA
2	Weight: 830g	2	Maximum voltage: 5-9V
3	Rated power: 3.6A@7.4V	3	256-color full-color adjustable LED lights
4	Servomotor:18pcs (Leg:5pcs*2/Hand:3pcs*2/Chest:1pcs)	4	Four deceleration metal gear
5	Control and download method: Bluetooth	5	Multi-level half-duplex serial communication interface
6	Battery: 7.4V,1300mAh ,10C	6	320 degrees adjustable angle
7	Program: Android Graphical programming	7	Controller interface is compatible with Arduino motherboards

Function



### 3D printer model

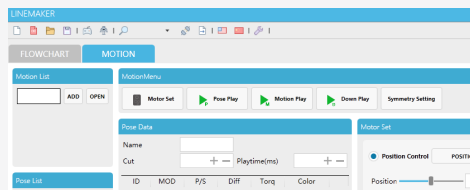


### MRT product model



### Software

#### Computer software



#### Mobile application



Package



Workbook

Age  
10+

## MRTX

An easy educational coding kit with all sensors inside. Program with Arduino board + Scratch and compatible with all MRT products. ( 文本里没有写介绍 )

### MRTX-1 (Mainboard and Other)



Controller



9V Battery

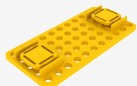


DC motor

### MRTX-2 (Mainboard and Other)



R/C



### MRTX-1 (sensor)



Color



IR

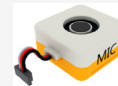


Ultrasonic wave

### MRTX-2 (sensor)



R/C

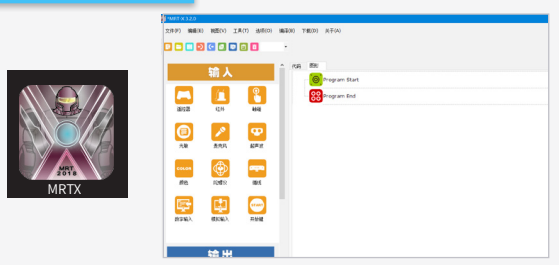


MIC

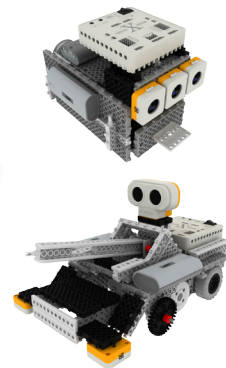


LED

### Software



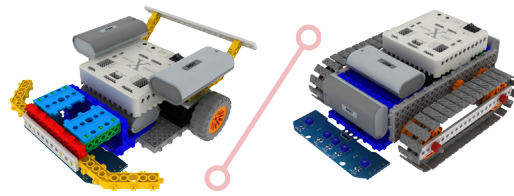
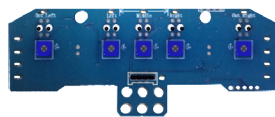
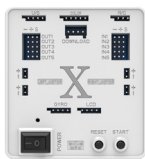
Package & Workbook



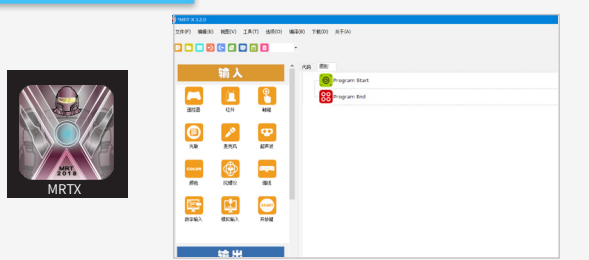
Age  
10+

## STORM LINE TRACER

Special IR sensor board to identify strongly for competition.



### Software



Package & Workbook

## Robot Fish-MIRO

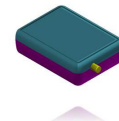
Robot Fish-MIRO is an aquarium robotic fish model with High simulation fish structure and multiple design. It swims like real fish with manual operation.



**Noumenon**



**Charger**



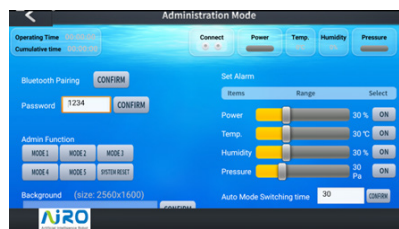
**Communication conversion equipment**

Specifications	Large-sized	Medium-sized(New)	Note
Model	MIRO-9.0(Standard) MIRO-9.1(Fancy Carp)	MIRO-7.0(Standard)	· Skins&Inner Body:ABS (PC,Acryl),Silicon(Fins) · Various designs(Either Standard Designs Over 500 or Customized)
Weight	2.8Kg	1.9Kg	
Size	530(L)x250(H)x110(W)mm	350(L)x170(H)x70(W)mm	· 30cm/s(60cm/s when manually controlled)
Turning Radius (Min.)	50cm	30cm	
Water Tank	Rectangular:2000*1500mm	Rectangular:1000*600mm	· RF Communication (Either Automatic or Manual)
Size (Min)	Circle: Ø1500mm	Circle: Ø700mm	
Operation	Automatic Mode:30m	Automatic Mode:20m	· 500kPa KOLAS Certification
Depth	Manual Mode:5m	Manual Mode:5m	
Battery	8.4V,11,400mA	8.4V,5,700mA	· Recharging4-5hrs
(Run-Time)	(10-12hrs)	(8-10hrs)	

### Changable Skin



### Mobile Application

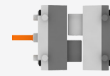


## MY ROBOT TIME

Build easy animal models along with interesting stories.



Controller



DC Motor

Apply IR sensor to 4 robots with different functions.



Controller

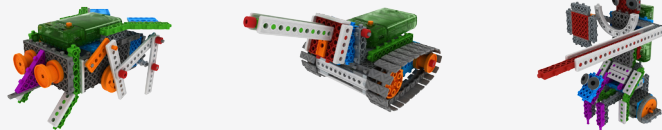


DC Motor

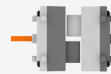


IR sensor

Make 4 robot models with remote controller for easy RC robot competition.



Controller



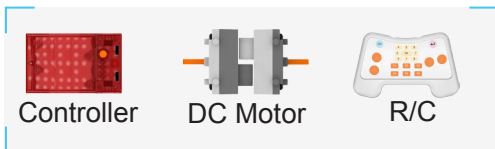
DC Motor



R/C

## SOCCER ROBOT 3

SOCCER ROBOT is a simple and fun product specialized for the soccer competition and other inside or outside activities. This product also can be reassemble into different types of robot.



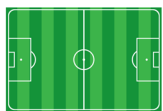
Controller

DC Motor

R/C



### SOCCER ROBOT STADIUM SET



Soccer Field×1



Stadium×1



Soccer Robot×2



DINOSAURS / ROBOT HEROES



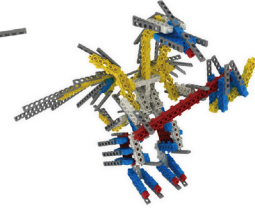
DINOSAURS is one of the robot toy which includes 7 different types of dinosaurs.



Hurricane



Ice Breaker

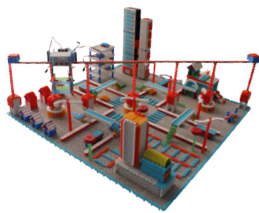


Raydown

ROBOT HEROES is one of the robot toy which includes 3 different types of heroes in robot models.

MRT LAND

Classic LAND



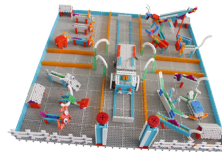
Modern city



Christmas



Dream and reality



Zoo



Around the world

Computer software



MRT Guardian





The online system for student study robotics conveniently.

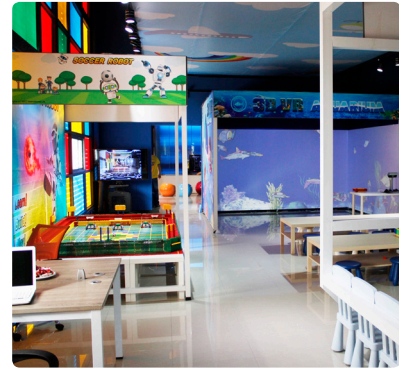
- Videos
- Courses
- Syllabus
- Practice
- Student/teacher account service



# ROBOT FACTORY



ROBOT FACTORY is the earliest permanent robot experience center built by My Robot Time. The vision is to plant the dream and hope of robot for growing children and also provide the space to learn and experience.



LINE-Core m experience



The battle of saving robot



LINE-Core m - Boxing



Soccer robot

AR photo experience



Underwater world 3D VR/ Robot Fish-MIRO



Building robot

Projects



IYRA stands for International Youth Robot Association. IYRA will be hosting IYRC events around the world yearly.

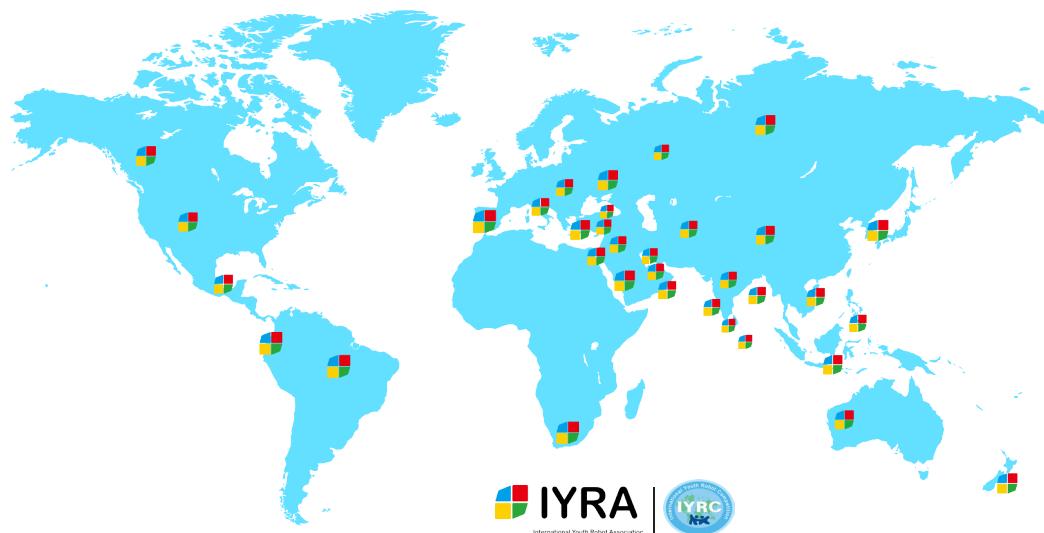
IYRA was established in the First General Meeting in Daejeon on August 2013. IYRA head office was registered in Seoul, Korea as a Non Profit Organization. (Register No. 109-80-19297) IYRA's main objective is for young students to expand their abilities and knowledge for the future by organizing various robot events, camps and education programs.

International Youth Robot Competition (IYRC) is a global scaled robot competition for young generation.

IYRC is widely open to youngsters aged 8 and above who like to build robots and even with minimal idea about robot.

IYRC offers not just competition but also a variety of programs including scientific experiment, social activities, and attractive tour.

IYRC will be the right place to share and constructive ideas among robot teachers, business people and experts around the world.





Entirely for Kids...  
Focus, Innovative, Unfold, Win-wi

Chinese Website: [www.handuankeji.com](http://www.handuankeji.com)

Global website: [www.myrobottime.com](http://www.myrobottime.com)

IYRA Chinese website: [www.iyrc.org.cn](http://www.iyrc.org.cn)

IYRA website: [www.iyrc.org](http://www.iyrc.org)

China office : F2, No.1 Building, Phase 2, Gaoxinqi Industry Park,  
Baoan District,Shenzhen China

Tel:(0755)86350925

Korea office : #420,330, Seongam-ro,Mapo-gu, Seoul, Korea

Tel:+82-70-5121-2440

Malaysia office : 26/3A, JALAN 30/70A, DESA SRI HARTAMAS, 50480  
KUALA LUMPUR, WILAYAH PERSEKUTUAN KUALA LUMPUR,MALAYSIA.

Tel:+603-28560749

