

I meant without table

Certainly! Here is a detailed description of RealPlus's offerings and capabilities, presented without tables.

RealPlus is a Taiwan-based technology company established in 2012, specializing in robotics, unmanned vehicles, artificial intelligence (AI), and automation systems. Their primary focus is on educational and research applications, offering a comprehensive suite of products and services tailored to meet the needs of schools, universities, and research institutions^[1].

Robotics and Automation Systems

RealPlus designs and manufactures a variety of robots, including 6-axis robotic arms, humanoid robots, and custom large-scale robots. Their 6-Axis XYZ Robot features an aluminum alloy structure, a payload of 1 kg, and utilizes advanced ARM Cortex-M7 processors with Arduino compatibility and a range of sensors for versatile applications^[1]. The 6-Axis Robotic Arm (Advanced) is built using a 3D-printed body, Arduino core, and six metal gear servos, and supports 360-degree rotation and Bluetooth smartphone control. The humanoid robot, known as "Little Blue Wave" (小藍波), is constructed from aluminum alloy, supports eight-channel servo drives, and can be expanded with various sensor modules. It is programmable using a VB-like syntax and supports remote control. The Temi Smart Robot is an AI-powered platform with advanced navigation, voice interaction (including ASR, NLP, and TTS), face recognition, and multimedia capabilities, making it suitable for education, healthcare, retail, and enterprise environments. RealPlus also offers customized large robots, up to 120 cm tall, with nine degrees of freedom, ultrasonic sensors, RGB LEDs, MP3 playback, wireless control, and modular expansion, ideal for school events and exhibitions.

Wheeled and Autonomous Vehicles

RealPlus provides several autonomous vehicle solutions. The Rainbow Car is a STEM kit car built around an Arduino core, featuring multiple sensors for line-following and obstacle avoidance, as well as a six-axis gyroscope. It supports Blockly and coding for easy programming and can be controlled via smartphone apps, making it suitable for courses, competitions, and recruitment events. The AI Autonomous Car is equipped with a Jetson Nano and Arduino dual-core system, dual vision cameras, DC motors, and supports ROS for real-time monitoring and AI-based visual learning. It is designed for image classification, object detection, and voice processing. An Origami Robot is also available, though its specifications are less detailed; it is marketed for educational use.

AI and Vision Systems

RealPlus integrates AI vision modules into their robotics solutions, enabling visual recognition, object tracking, and sorting—such as robotic arms sorting fruits by type. Their products support secondary development using mainstream programming languages like Python, Java, and C++, as well as ROS (Robot Operating System), with sample programs and editable motion software provided.

Educational Programs and Events

The company organizes summer camps focused on IoT, generative AI, and robotics, combining theoretical learning with hands-on practice. Participants can build and program robots and smart cars. RealPlus products, such as the Rainbow Car, have won awards in national robotics competitions, highlighting their effectiveness in educational settings.

Customization and Collaboration

RealPlus offers custom robot development, providing modular expansion and support for various communication protocols to meet specific research or educational needs. They actively collaborate with universities and industry partners for project development, teaching, and research support^[1].

Support and Contact

RealPlus provides comprehensive sales and technical support, with contact options including phone, email, and LINE. Online video demonstrations are available to showcase product capabilities, AI vision, and competition records.

In summary, RealPlus delivers a wide range of robotics and AI solutions, with a strong emphasis on education and research, and offers robust support for both standard and customized projects^[1].



1. RealPlus-Rui-Yang-Chuang-Xin-Ke-Ji-Detailed-Company-and-Product-O.pdf