



ROBOMASTER S1

The RoboMaster S1 is a game-changing educational robot built to unlock the potential in every learner. Inspired by DJI's annual RoboMaster robotics competition, the S1 provides users with an in-depth understanding of science, math, physics, programming, and more through captivating gameplay modes and intelligent features.

DIY

46 Programmable
Components

AI

6 Programmable
AI Modules

FPV

Low-latency
HD FPV

Scratch &
Python Coding

4WD

4WD Omnidirectional
Movement



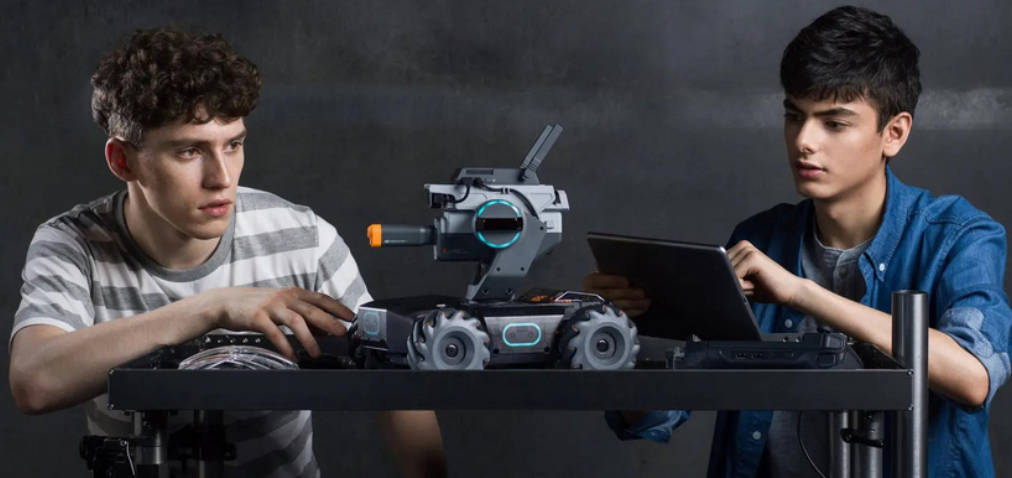
Intelligent
Sensing Armour

VS

Multiple Exciting
Battle Modes



Innovative
Hands-On Learning



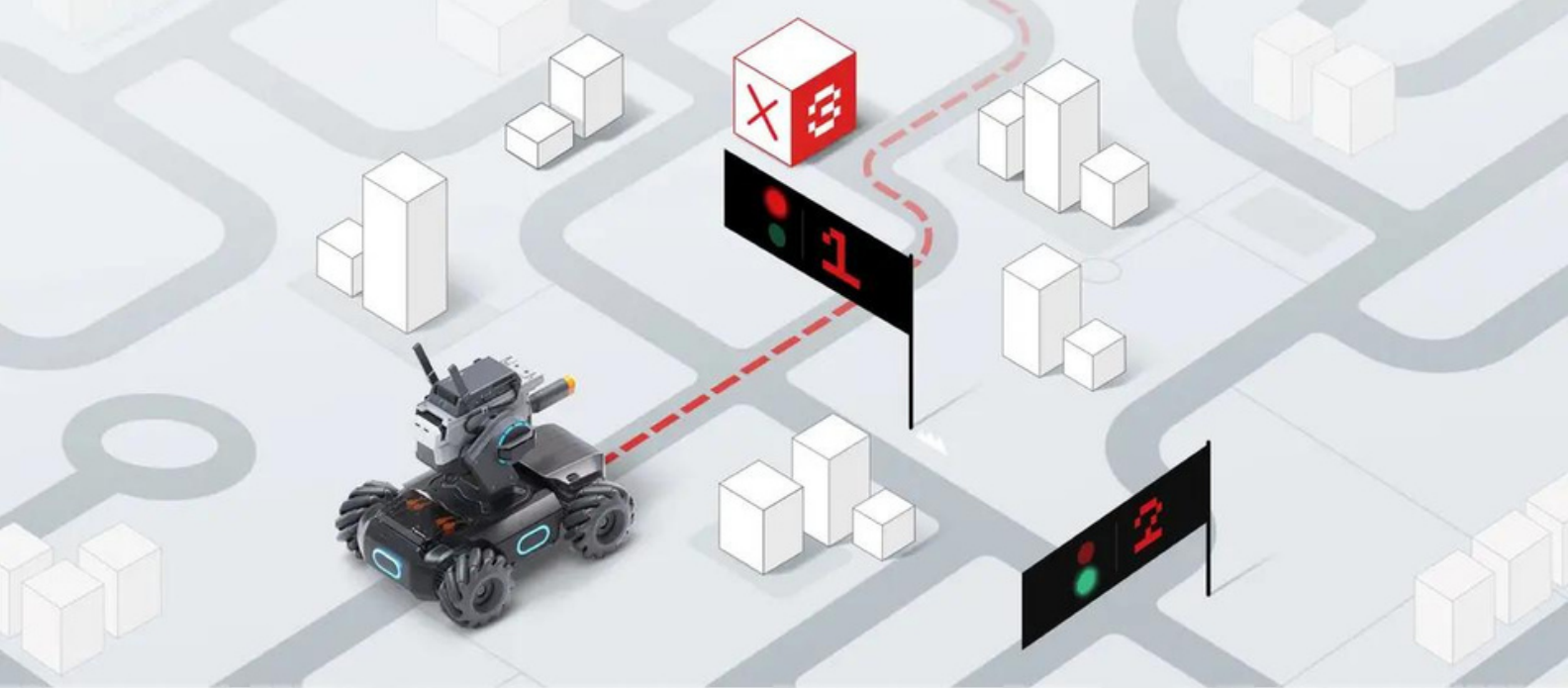
THE WORLD IS YOUR ARENA

Build your own competition arena anywhere, anytime and enjoy a variety of gameplay modes with an immersive FPV experience unlike any other. You can even record and share all the action with the touch of a button.



LEARN BY DOING

The RoboMaster S1 bridges the digital world with the real one, bringing abstract theories to life through practical operations. The S1 supports Scratch and Python programming languages, allowing users to experience math, physics, and AI technology in a cutting-edge and inspiring way.



LEARN BY DOING

By utilizing Vision Markers to create "traffic lights" and other obstacles, users can write their own programs that allow the S1 to drive automatically and execute complex tasks. Explore mathematical principles involving robotic control and motion mechanics through the S1's six programmable artificial intelligence modules. Get an in-depth understanding of AI as you develop these skills and many more.



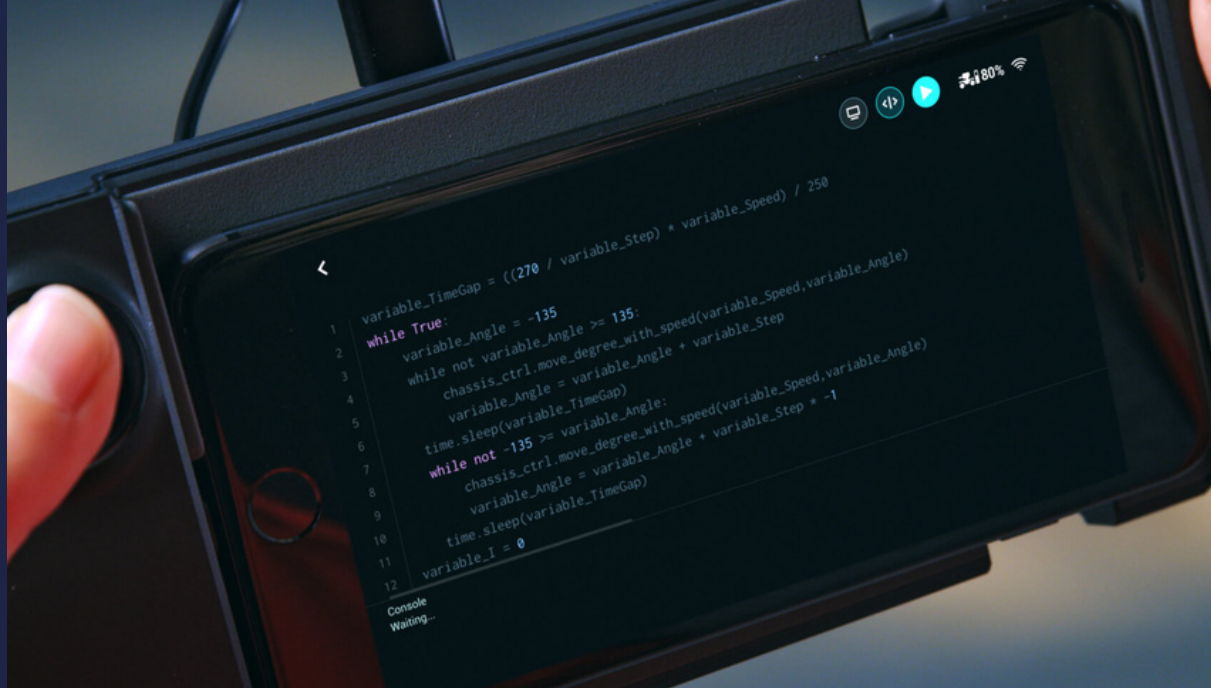
LEARN BY DOING

Compete against opponents on your own custom track. Unlock special skills like extreme speed by recognizing specific Vision Markers, or unleash weapons like dizziness against competitors to gain an edge and win the race.



INTERCOM


The new Intercom feature lets you enjoy voice interactions with friends nearby. You can also pre-record audio files in the RoboMaster app on your mobile device and play them on the S1, unlocking an array of exciting new possibilities.




DEVELOP CUSTOM SKILLS

In any competition, wisdom is equally as important as power. The S1 enables users to apply their classroom knowledge to compile custom coding, unlocking unique functions that will surprise onlookers and defeat competitors. With its new education concept, the S1 helps users embrace the joy of learning in new and exciting ways.



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