

ROBOMASTER EP

Learning Unleashed



➔ WHAT is the product?

This **advanced educational robot** provides a physical computing solution combining **computing, robotics, engineering & artificial intelligence** for a wide range of ages & experience levels.



➔ WHERE does it stand out?

- **High-Performance** Mechanical Accessories for **Hands-On Learning**
- Increased **Expandability** via 3rd Party Hardware, such as:
 - Lego bricks, 3D printed objects
 - micro:bit, Arduino, Raspberry Pi
 - NVIDIA Jetson Nano
 - Sensors (4 sensor adaptors)
- **Real-World AI** Implementations
- **Project-Based** Courses
- Standards Aligned **Curriculum**



- ➔ Robomaster EP has **Engineer and Warrior** even more configurations. Write virtual controls through Python, freely design interactive interfaces, and expand more application possibilities.

➔ WHO is it for?

- Middle Schools
- High Schools
- Scratch & Python Programmers
- STEAM Educators



ROBOMASTER EP

Learning Unleashed



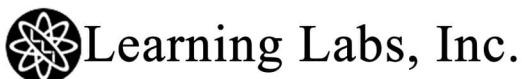
➔ WHEN would it be used?

- STEAM-Based Classrooms
- Coding Courses (Scratch & Python)
- Artificial Intelligence (AI) Learning
- Custom Programming Projects
- Robotics Competitions

➔ WHY is it good for Education?

- [Teaching Resources](#)
 - 18 Project-Based Courses
 - Curriculum Standards (CSTA, NGSS)
- Open [DJI SDK](#) for Custom Programs
 - Video & Audio Streaming Data
 - Swarm for multiple units
- RoboMaster [Competition Database](#)
 - Rules & Operation Plans
 - Variety of Events & Activities
- School [Sample Program](#)

Distributed by



1-800-334-4943
www.LLI.com

FAQ

As a teacher without programming skills, can I use this?

- **Yes.** Teachers can find rich educational resources in the product site and the RoboMaster app, including project-based courses, tutorials, an introduction to Scratch and SDK programming.

What is the recommended age group?

- RoboMaster EP is recommended as a teaching tool for students in [middle and primary school](#). It is also suitable for [higher education](#).

How long is the battery life?

- Battery life during use is [85 minutes](#), and the charge time is 90 minutes.

What is the video transmission range?

- Max of [230 to 1,000 feet](#) depending on Wi-Fi or Router connection.

How do I connect the RoboMaster EP with the app?

- The RoboMaster EP can be connected via [Wi-Fi or router](#).

What expansion ports does the RoboMaster EP have?

- Apart from the [PWM, SBUS, UART, and USB ports](#) on the Intelligent Controller, the RoboMaster EP also provides [4 sensor adapters](#).