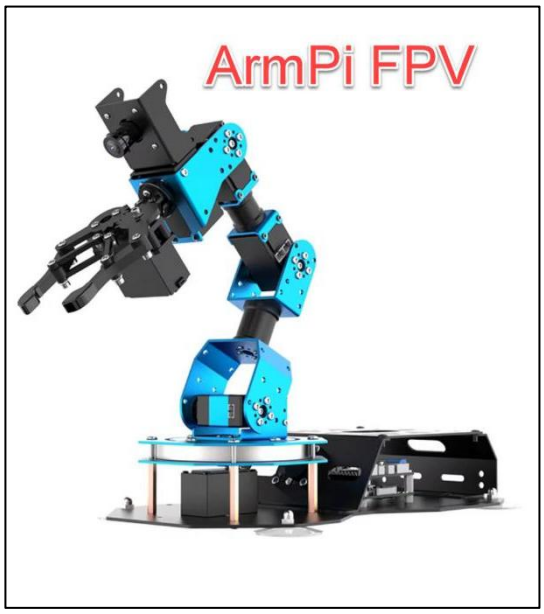
Read First

Powered by Raspberry Pi 4B, ArmPi Pro is developed based on ROS and uses python to program. On the basis of ArmPi FPV vision robotic arm, it is added an omnidirectional mecanum wheel car chassis so as to realize more flexible functions like moving and gripping, object tracking, and intelligent transport.

ArmPi Pro achieves any functions of ArmPi FPV and extends it more, so they are definitely two different products with different applied system images.

The left image is ArmPi Rro and the right one is ArmPi FPV.



Before shipping the package, the system image of ArmPi FPV has been written into ArmPi Pro. There are two experience selections for you.

① You can learn ArmPi FPV first, and then ArmPi Pro.

Do not need to write system image and can start ArmPi mini immediately. Please learn the content in older “10. Advanced Lesson/ 3. ArmPi FPV”.

After learning ArmPi FPV, you can start ArmPi Pro. Firstly, check the file “ Lesson 2 Write Image to SD Card” in folder “6. Raspberry Pi Basic Lesson/

1.Raspberry Pi Board/" to write the system image of ArmPi Pro. Then, learning ArmPi Pro starts from "1. Getting Ready".

② You can learn ArmPi Pro first, and then ArmPi FPV.

Firstly, check the file " Lesson 2 Write Image to SD Card" in folder "6. Raspberry Pi Basic Lesson/ 1.Raspberry Pi Board/" to write the system image of ArmPi Pro. Then, learning ArmPi Pro starts from "1. Getting Ready".

After learning ArmPi Pro, you only need to write the system image of ArmPi FPV under the folder "10. Advanced Lesson/ 3. ArmPi FPV Standard Lesson/Appendix/ 1. System Image".

Please note that the basic lesson in "6. Raspberry Pi Lesson/ 1. Raspberry Pi" aims at helping learner to understand the following lesson better. Therefore Raspberry Pi Official System Image is used in here. (the basic environment is not configured, so it needs to be started from scratch). Unlike robot's system image of , its basic environment has been configured. If you uses the robot's system image to configure, part of functions may report error. Please do not confuse the system images.

It is recommended to learn other lessons first before the advanced lesson.