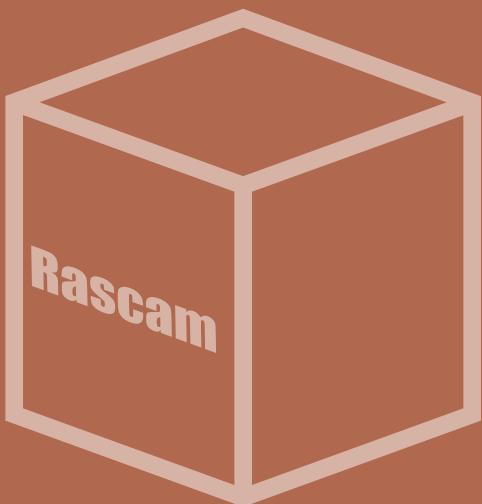
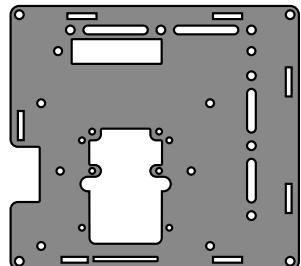


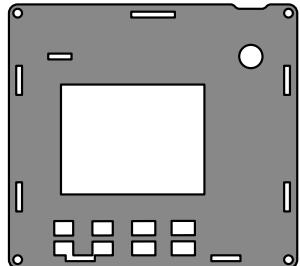
PARTS IN RASCAM



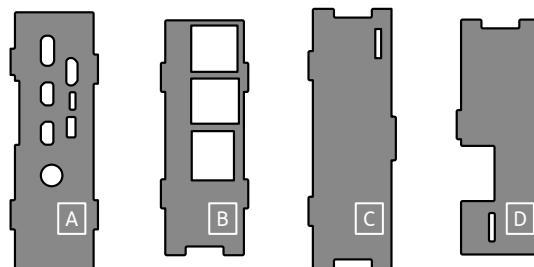
Front Plate



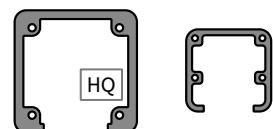
Back Plate



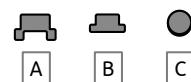
Side Plate



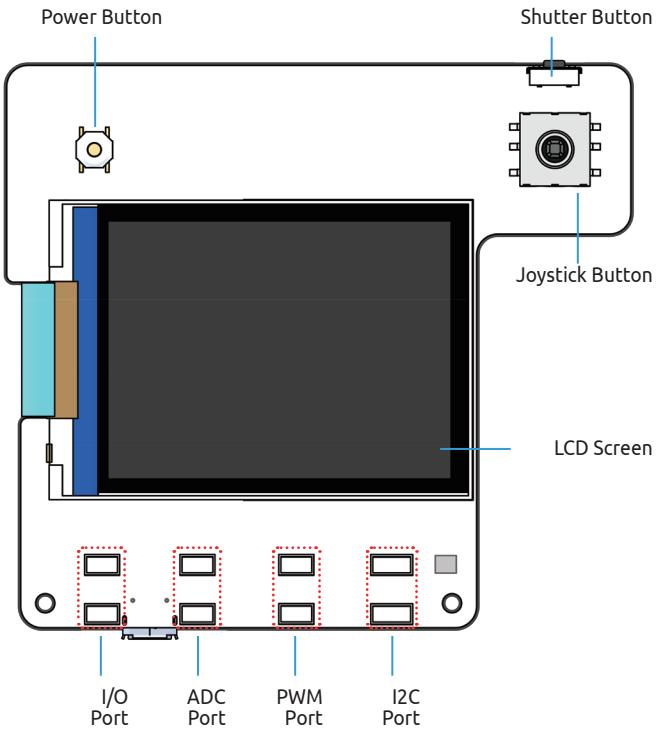
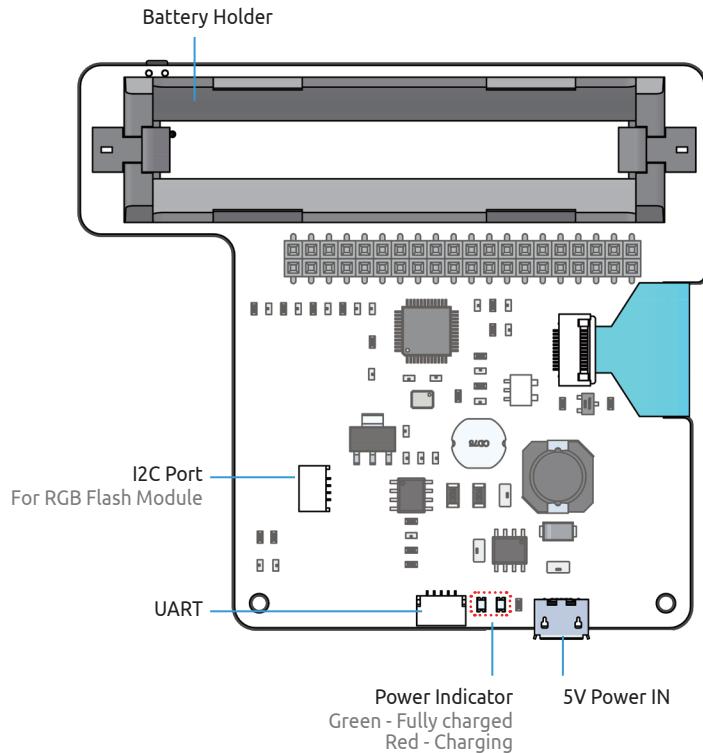
Camera Pad Plate



Button Particle



Rascam HAT



Standoff

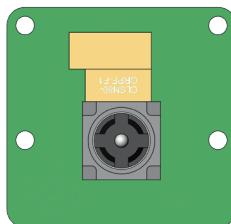


M2.5 x 8 + 6 Standoff



M2.5 x 11 Standoff

Camera Module



Screw



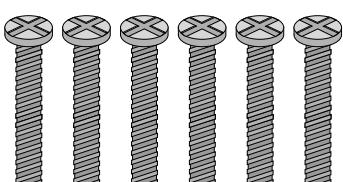
M2.5 x 4 Screw



M2 x 8 Screw

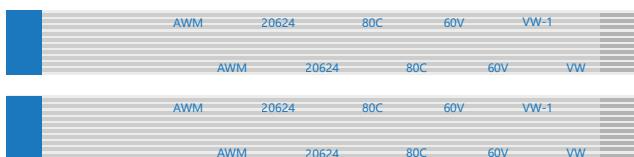


M2.5 x 6 Screw



M3 x 30 Screw

FFC Cable



25 cm



10 cm

RGB Flash Module



Data Cable



3 Pin to DuPont Male Wire



4 Pin to DuPont Male Wire

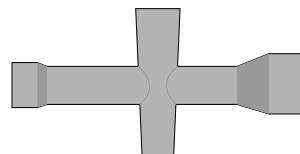


4 Pin SH-1.0 Wire

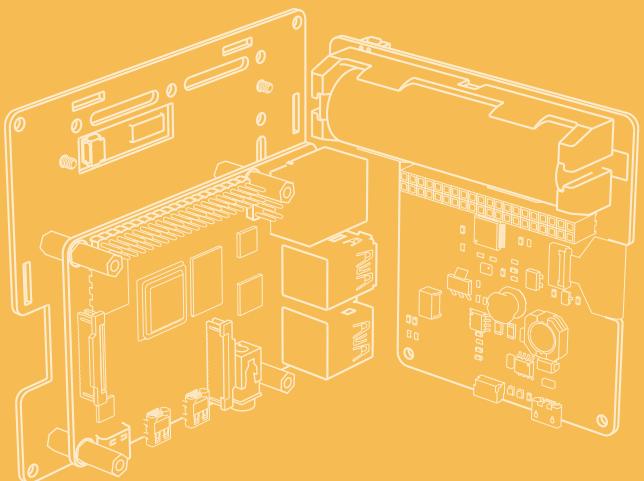
Screwdriver



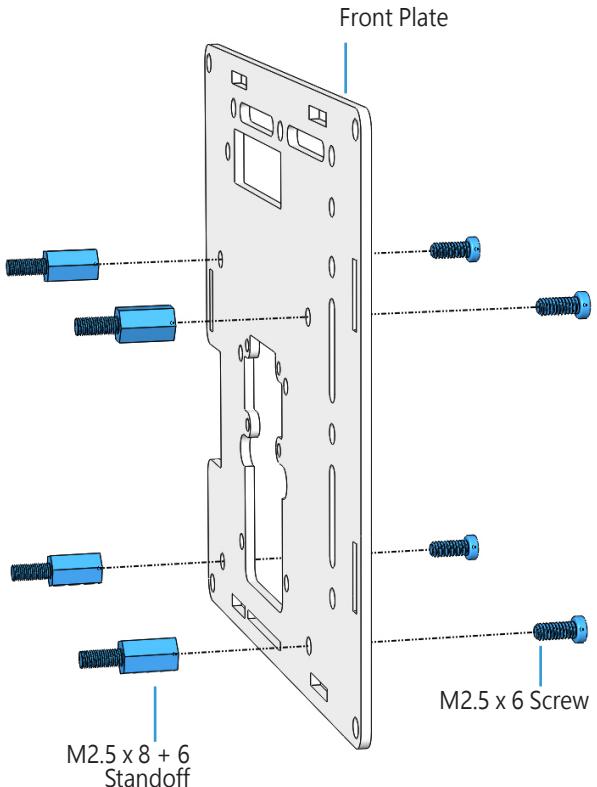
Socket Wrench



BUILDING THE RASCAM

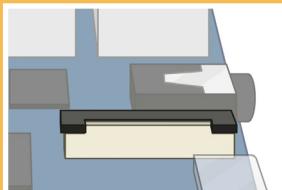
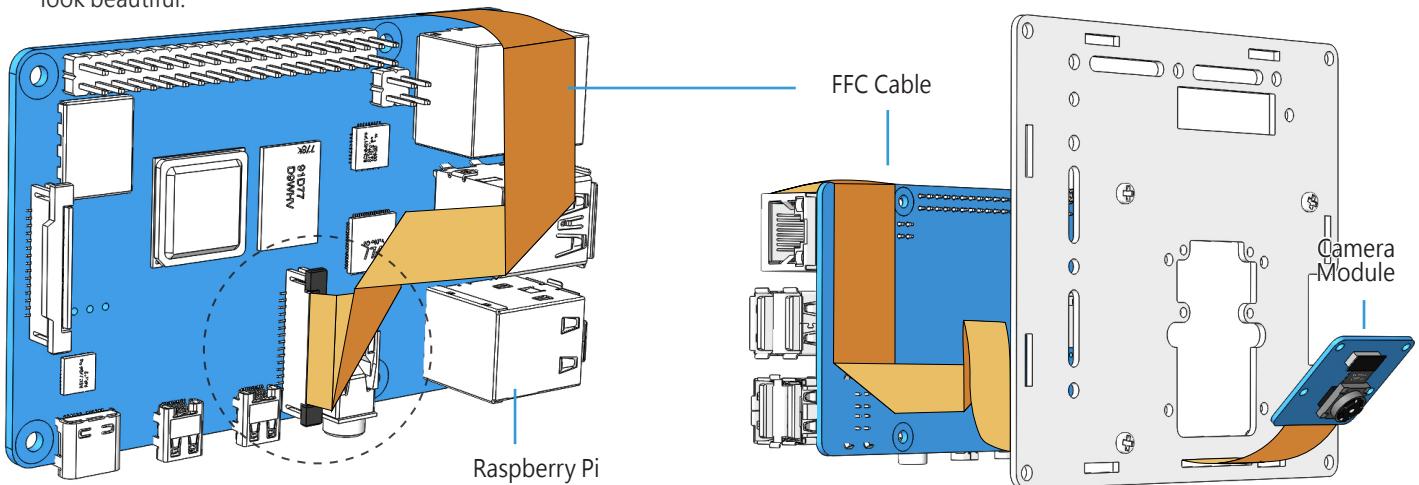


1 Assemble the Front Plate

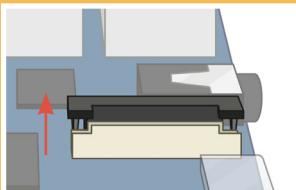


2 Insert FFC Cable

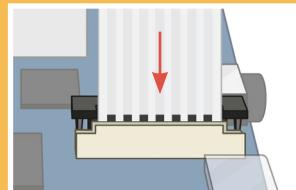
You can fold the FFC Cable according to the method shown in the figure, which can make the finished product look beautiful.



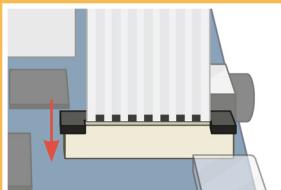
- ① Find the FFC slot



- ② Pull up the division plate

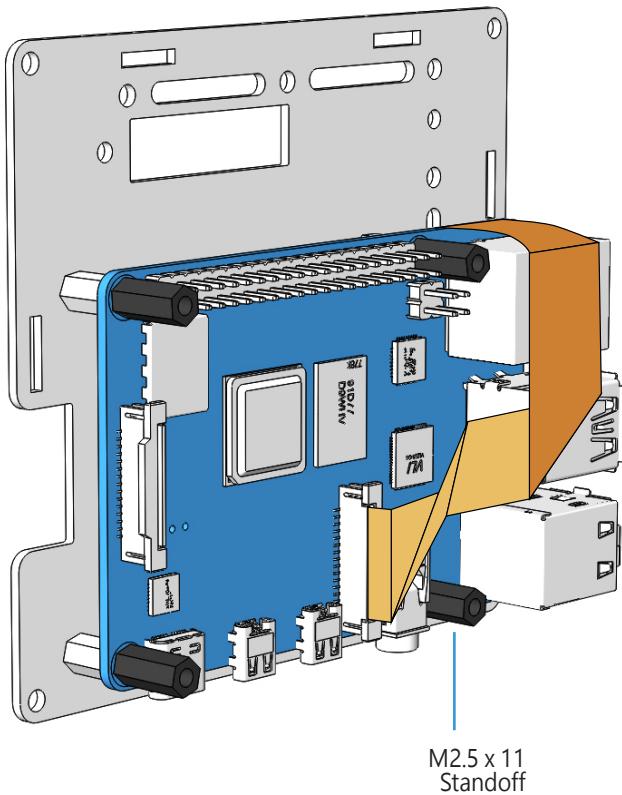


- ③ Insert the FFC cable

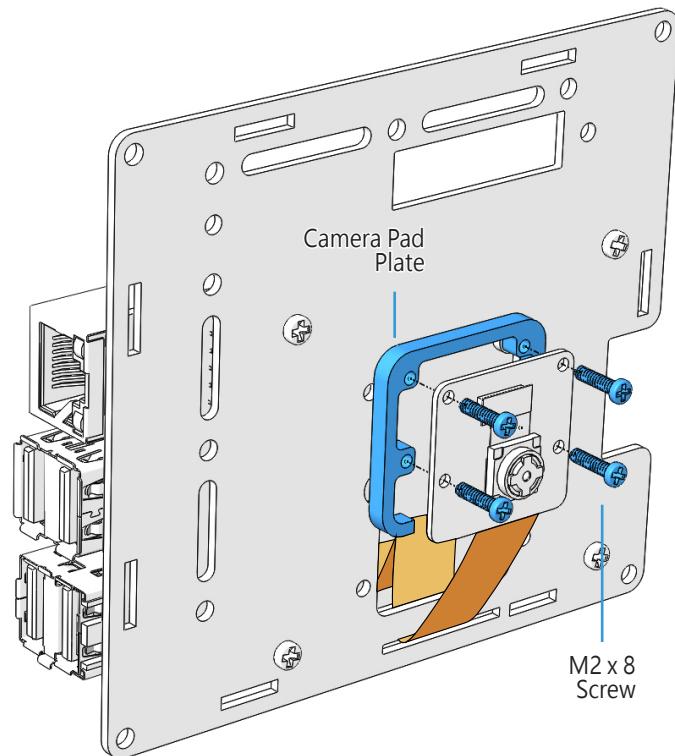


- ④ Push to fasten the division plate

3 Assemble the Raspberry Pi

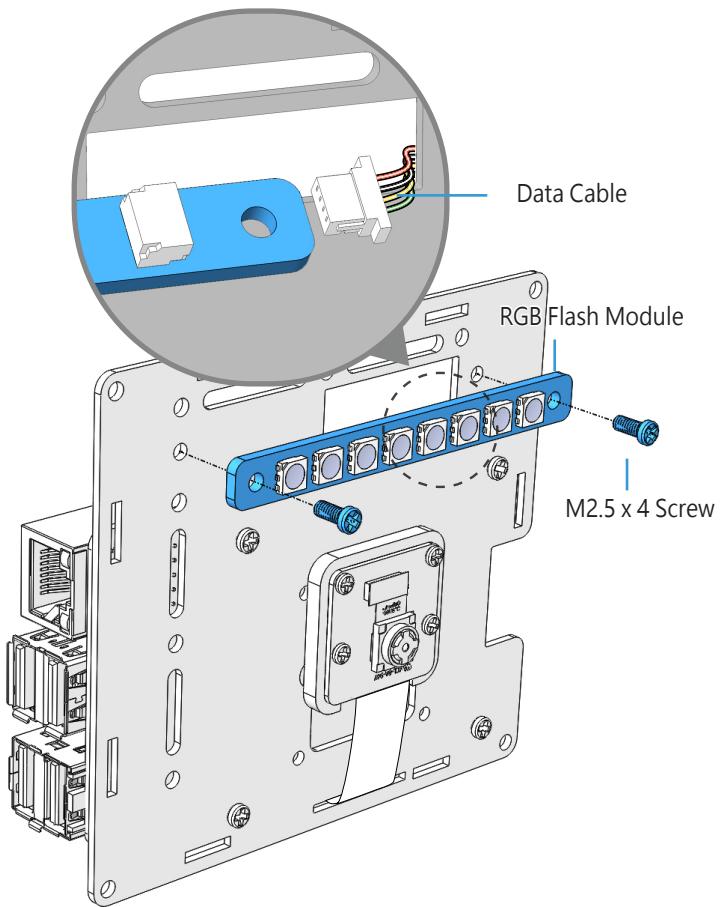


4 Assemble Camera Module

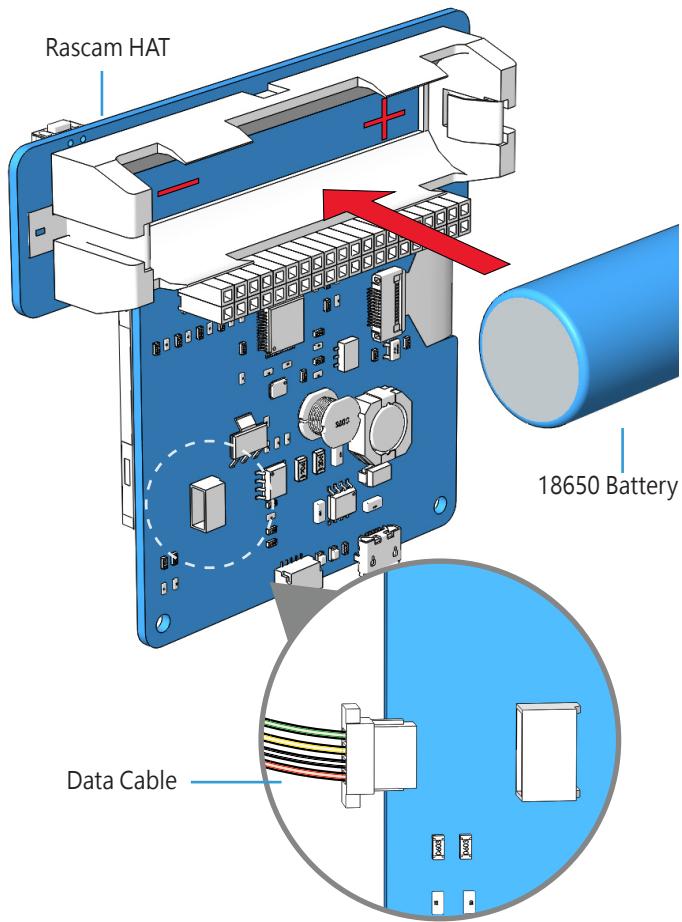


5 Assemble the RGB Flash

Connecting the data cable before assembling the RGB flash module can avoid some problems.

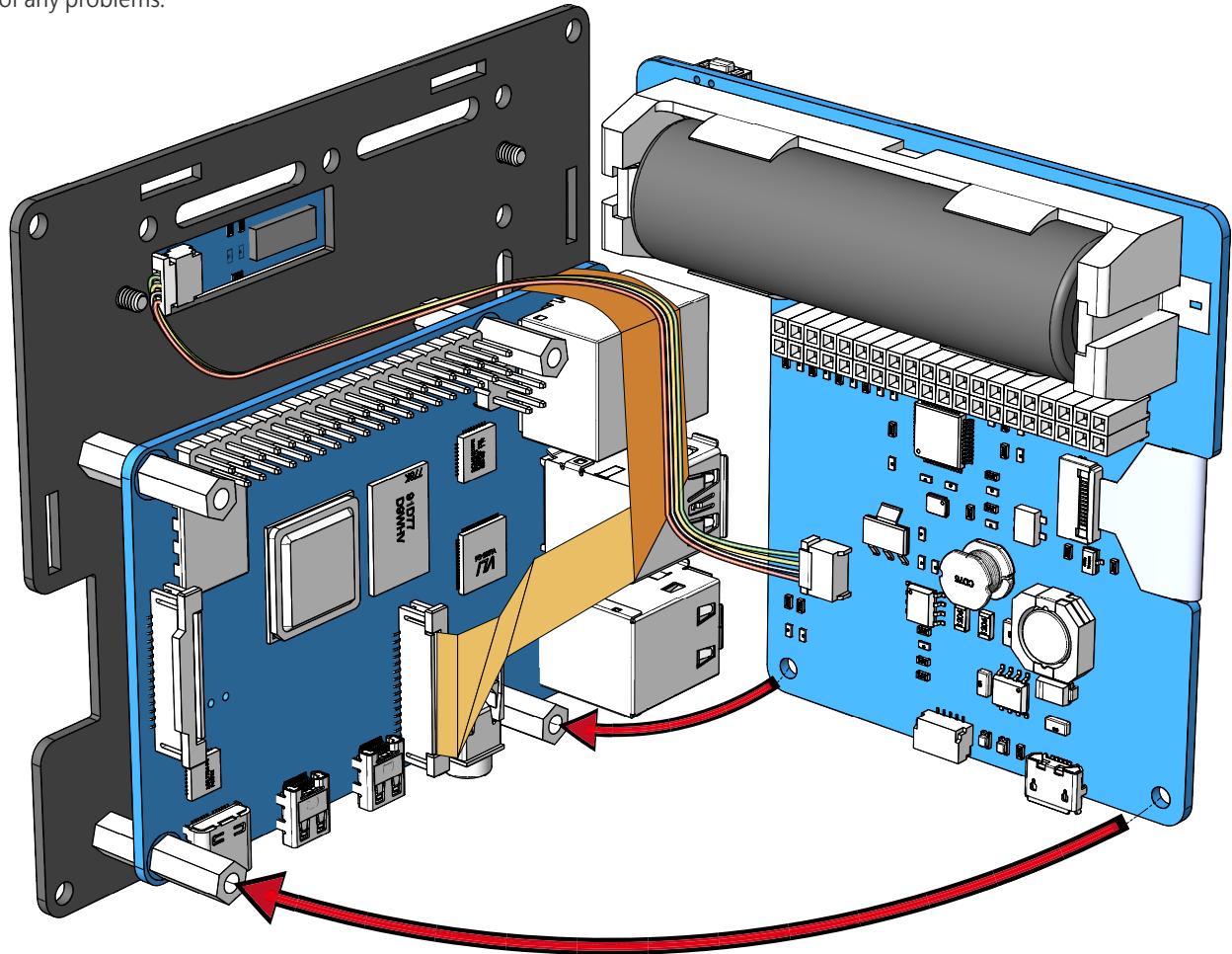


6 Insert the Battery



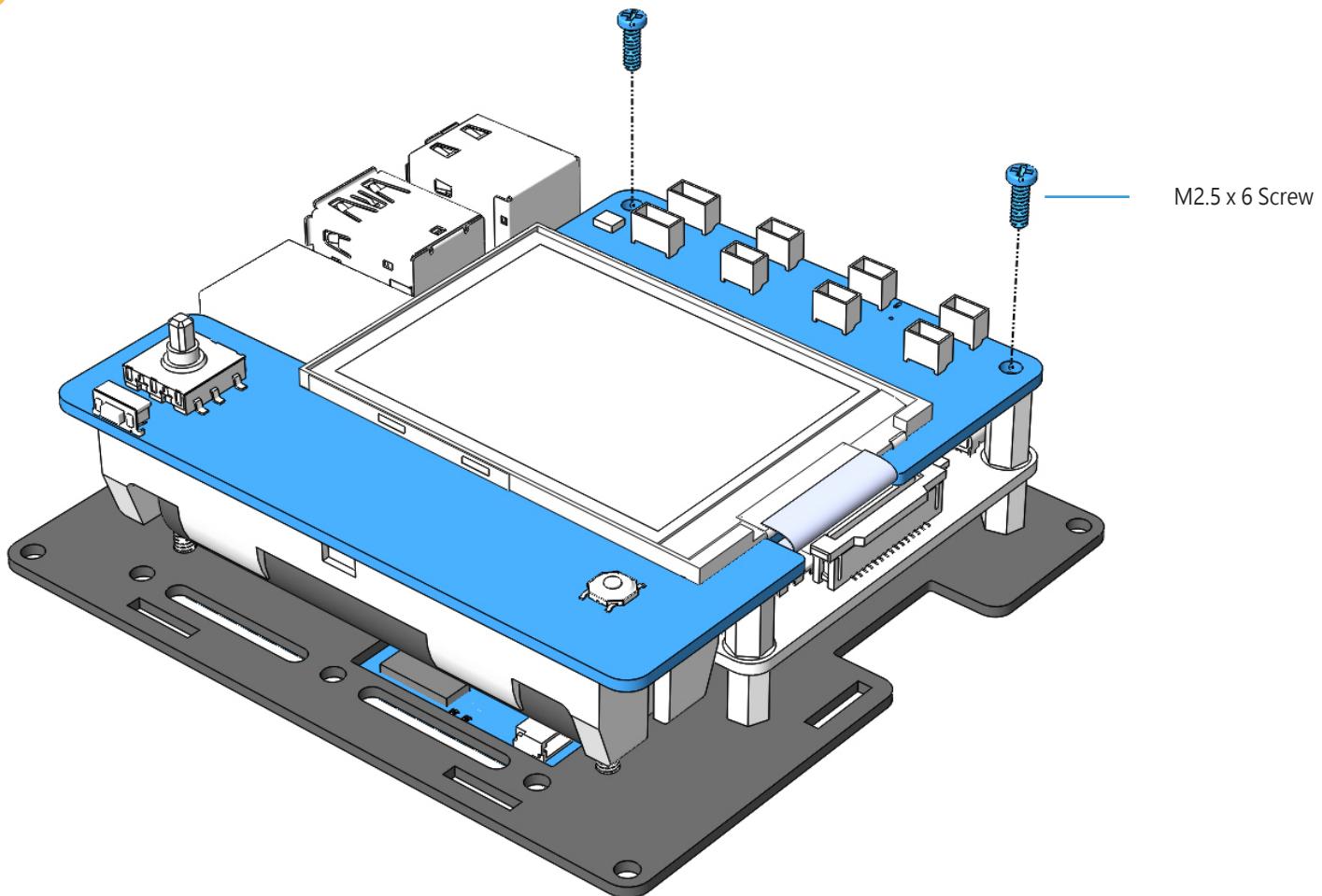
7 Combine Rascam HAT & Raspberry Pi

At this step you need to confirm that all connections are free of any problems.

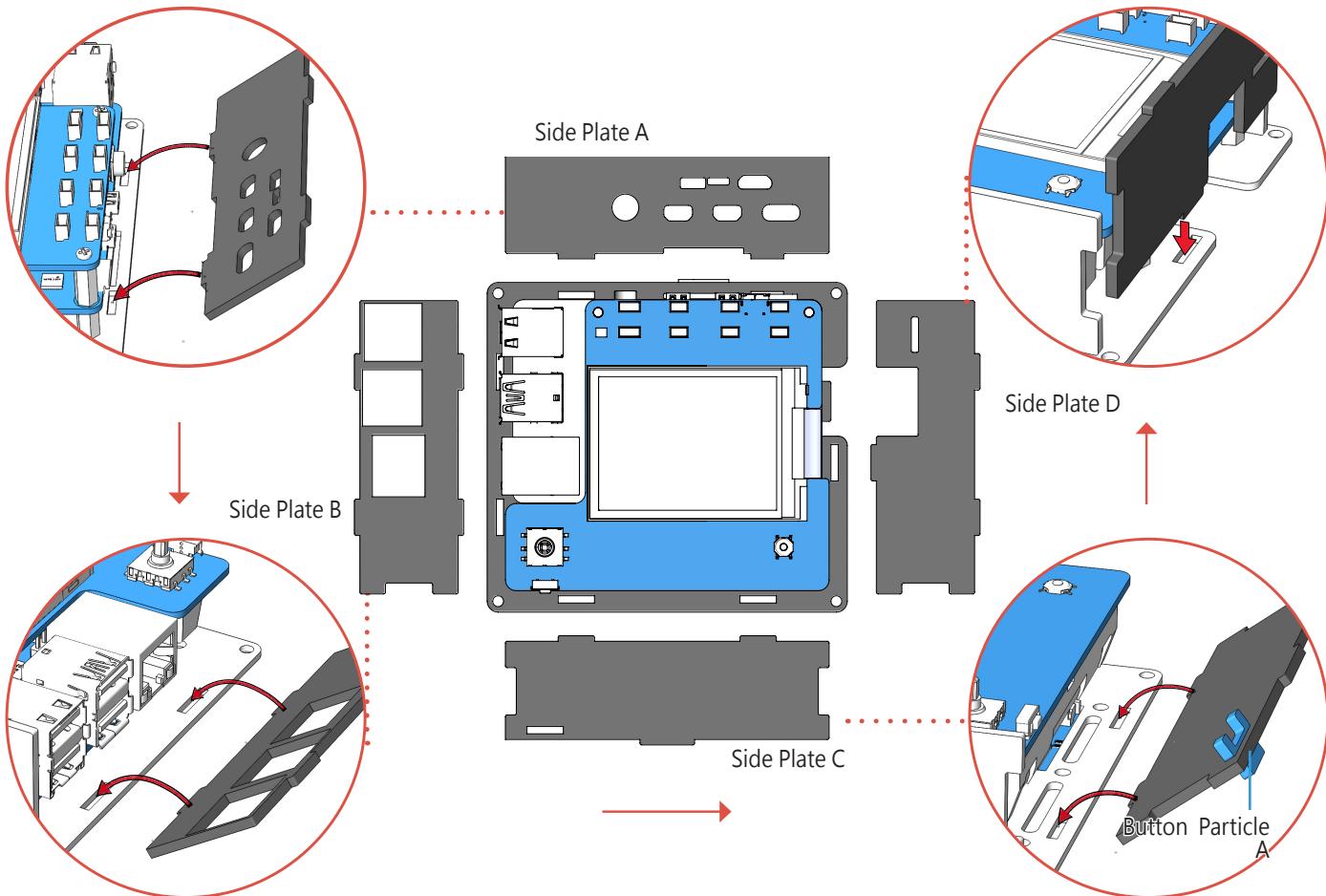


8

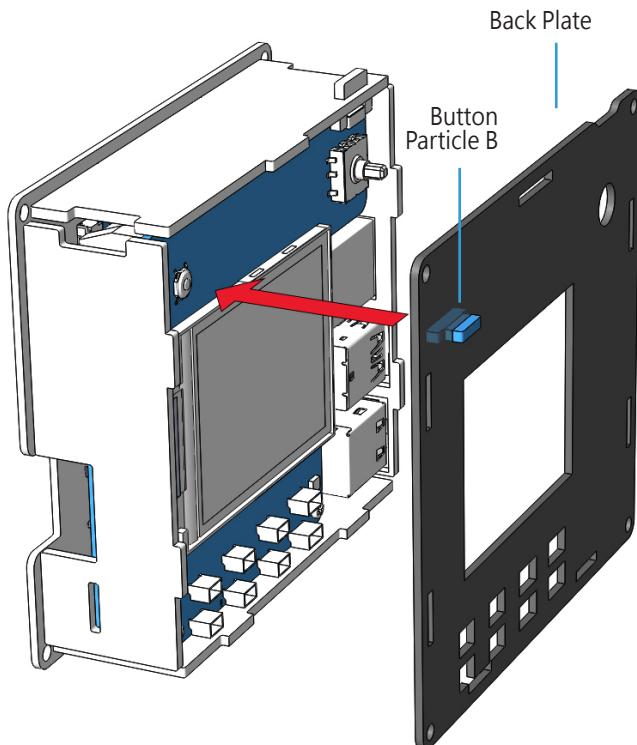
Assemble Rascam HAT



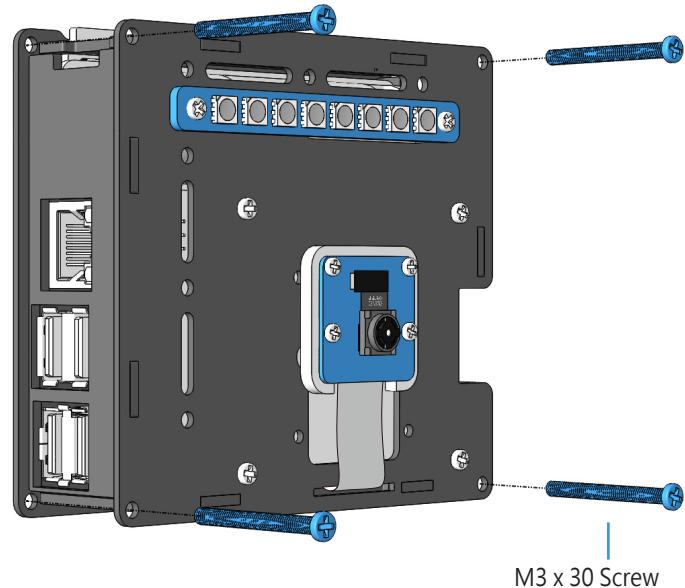
9 Combine Side Plate



10 Combine Back Plate



11 Fasten the Rascam Case

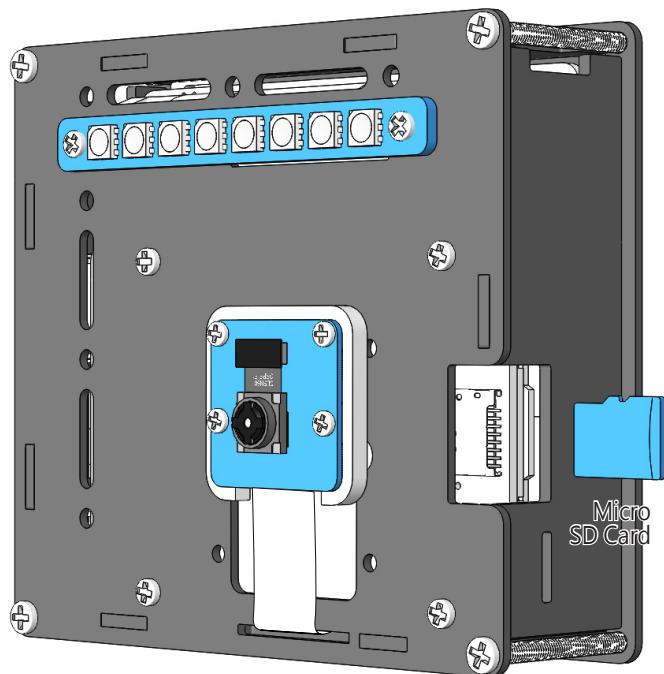


12 Insert the Joystick Particle



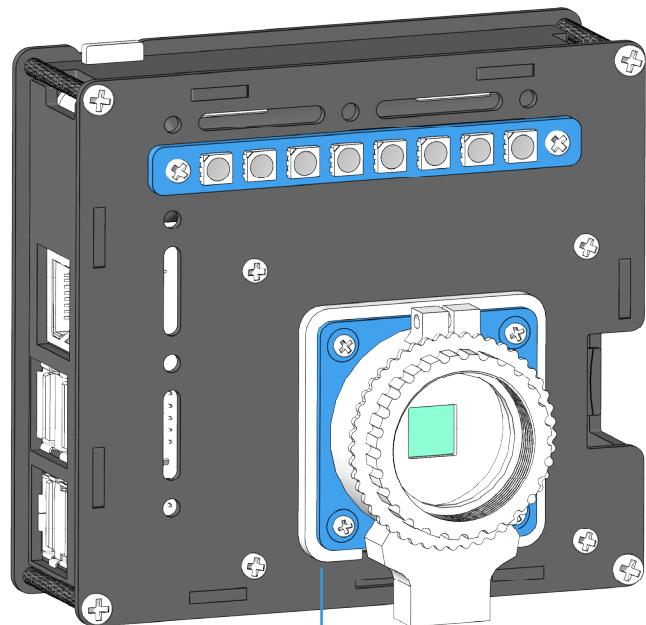
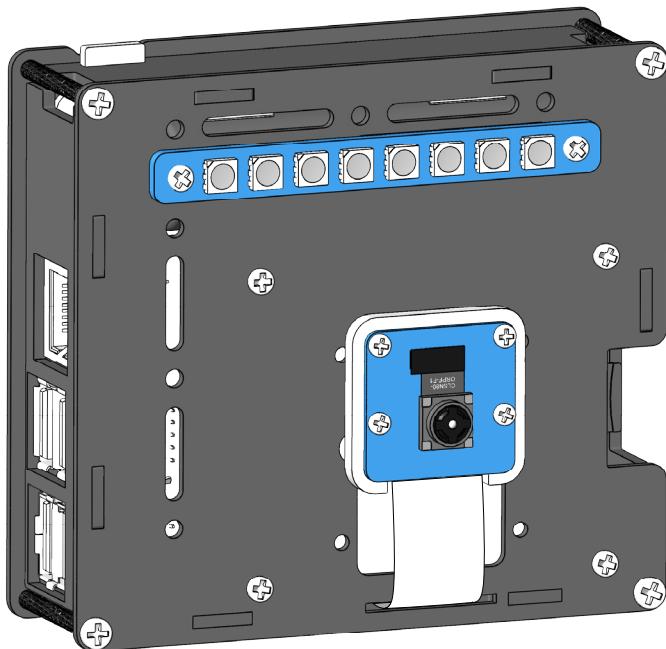
13 Insert the SD Card

The SD card needs to complete the environment initialization first, please check the "Ready to Play" chapter.



M More

If you have an HQ camera module, you can replace it with Rascam for a better experience.



HQ Camera Pad Plate

HQ Camera Module