

In order to learn image processing of Raspberry Pi, we encapsulate the hardware functions such as motor drive, motor speed, gyro data, battery data, etc. in the single-chip microcomputer of the drive board. We provide interface of these function for users.

For specific protocol documents, please check path:

Raspblock\Annex\Agreement Document\Driver Board Agreement

In order to facilitate users to directly call the driver functions of various functions on the drive board, we have also encapsulated the protocol part into a Python library, and the library file has been installed in the image we provided.

If the user wants to transplant the Python library we provide to the system he built, he can find the driver library file under this path. Path:

Raspblock\Annex\Agreement Document\Driver Board Agreement

Then, remotely log in to the Raspberry Pi system through winscp software, and transfer the library file to the home directory of the Raspberry Pi system.

Input following command to extract the library file.

tar -zxvf Raspblock-0.0.1.tar.gz

Enter the Raspblock-0.0.1 directory, and then input **python3 setup.py install** command to install.