

abstract

This page provides information regarding manual software installation and configuration. If you need to install the software elsewhere on your own device, instead of using the prebuilt image.

It is splitted into multiple sections depending on the software part to install

packages

operating system

It is expected that debian like operating system is used. In the main built I'm using armbian.

- rfkill
- python3
- python3-pip
- hostapd
- gpsd
- gpsd-clients
- udhcpd

```
$ sudo apt-get install rfkill python3 python3-pip gpsd gpsd-clients udhcpd
```

Python3 PIP packages

Please take care of the order:

- setuptools
- wheel

```
$ sudo pip3 install setuptools wheel  
$ sudo mkdir -p /usr/share/man/man8
```

- bluew
- python-wifi
- flask

```
$ sudo pip3 install bluew flask python-wifi
```

OS modification

required groups for operation

Following a list with required groups for full functionality.

group	why
netdev	rftkill

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