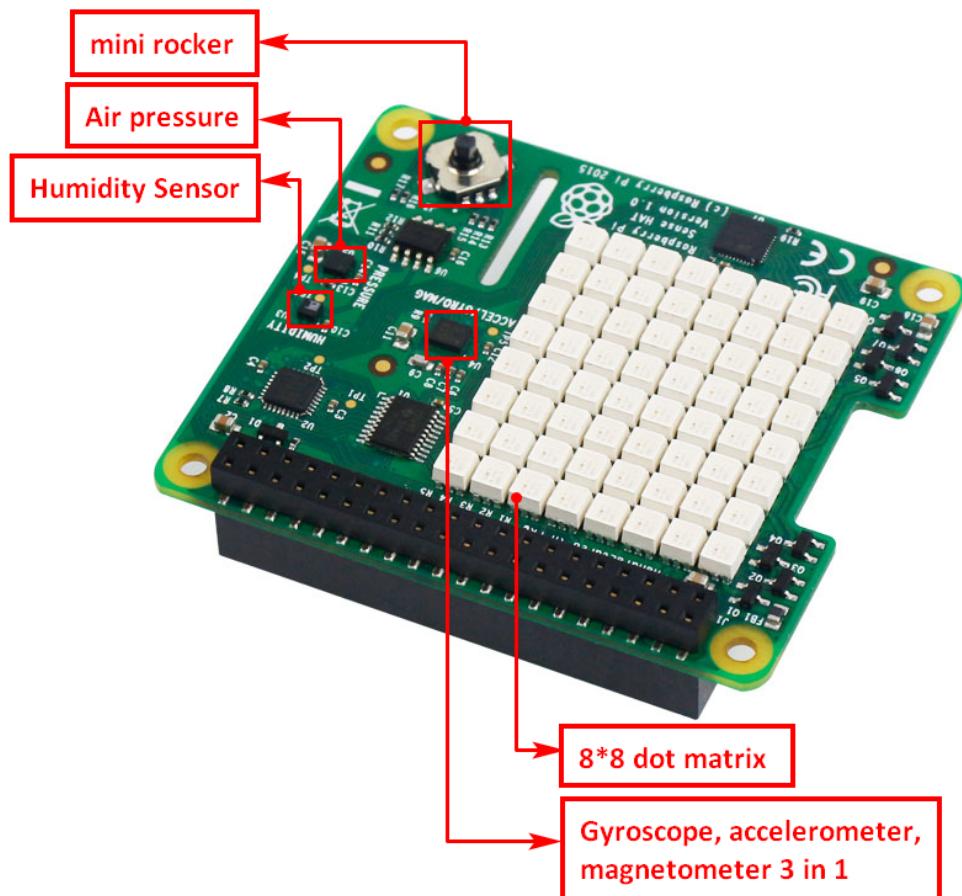
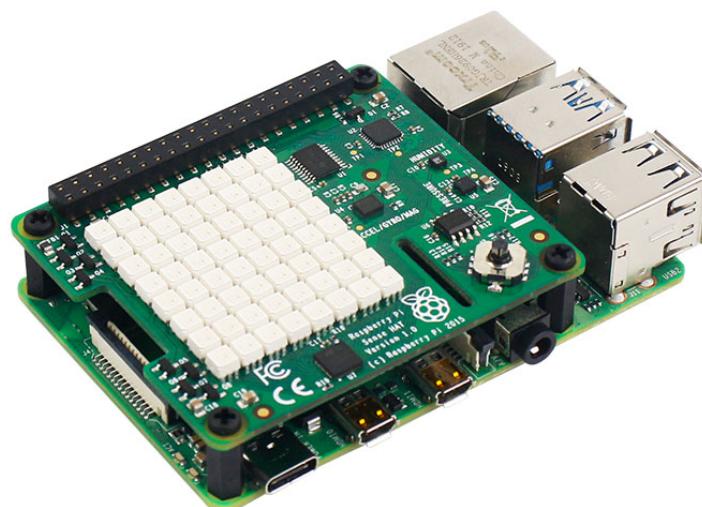
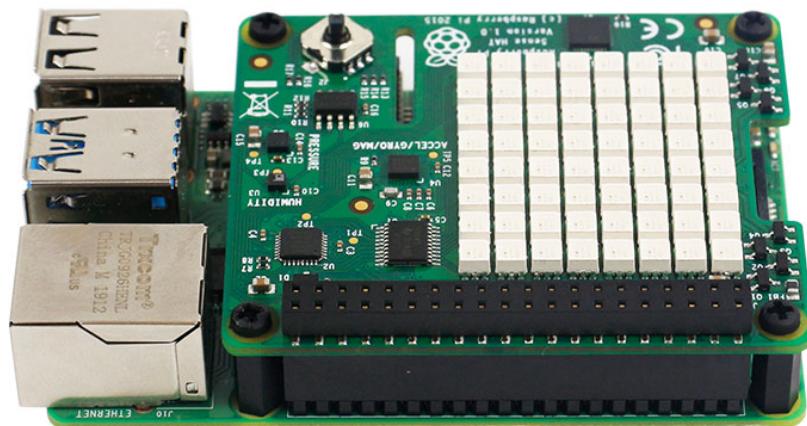


Raspberry Pi Sense Hat on board an 8\*8 RGB matrix and mini rocker, and gyroscopes, accelerometers, magnetometers, temperature, humidity, and air pressure sensors.



Installation method:





## 1. How to install Sense Hat package in Raspberry Pi system

Input command in command line terminal in the Raspberry Pi system:

**`sudo apt-get install sense_hat`**

After waiting for its installation, input the following command to restart the Raspberry Pi:

**`sudo reboot`**

## 2. Create a new folder in pi directory to save python program.

Input the following command:

**`mkdir sense_hat`**

! Note: The name can be defined by yourself. The related programs are saved in this folder by default.

## 3. Clear display

Input the following command to create new file:

**`nano clear_display.py`**

We need to input content as shown below:

```
#!/usr/bin/python
from sense_hat import SenseHat
sense = SenseHat()
sense.clear()
```

```
#!/usr/bin/python
from sense_hat import SenseHat
sense = SenseHat()
sense.clear()
```

Please press **Ctrl+O** to save, press **Ctrl+X** to quit.

Input the following command to clear display:

**python clear\_display.py**

```
pi@raspberrypi:~/sense_hat $ nano clear_display.py
pi@raspberrypi:~/sense_hat $ python clear_display.py
pi@raspberrypi:~/sense_hat $ █
```

!Note: This program can be saved and may need to be run multiple times later to clear the screen display.