|  |
| --- |
| Mercury Finger Print Sensor |
| USER GUIDE |
| Version 1.00 |

|  |
| --- |
| krish k  [Date] |

**Steps for setting up:**

1. Connect the FPS device to any 5v standard Type-C power supply.
2. Device will boot up with a long beep, refer to LED/Beeps table below for more details.
3. Connect to the “*Mercury\_FPS*” WiFi access point using a host PC, password is “*config1234*”.
4. Go to IP address “192.168.4.1” using a browser from host PC
5. Here you can configure your WiFi router or Hot spot’s SSID and password for connecting the FPS device to the local network.
6. Also configure the server IP and port number in the format IP address:Port number here. Example: *192.168.1.233:5000*
7. Wait for 2 minutes for the FPS to save these settings and then power reset the device.
8. FPS device will boot up and will be connected to your local network now, refer to LED/Beeps table below for more details.
9. You will be able to perform enroll or detect functions based on the server setting now, refer to LED/Beeps table below for more details.

**LED/ Beep Indication**

|  |  |
| --- | --- |
|  |  |
| Blue LED breathing mode with a long beep | FPS device is booting up. |
| Red LED flashing 4 times | Not connected to WiFi/ local network. |
| Blue LED flashing 3 times followed by White LED flashing 3 times | Server Enroll or Detect mode not set. |
| Blue LED on with 2 short beeps | Device entering Enroll mode. |
| White LED on with 2 short beeps | Device entering Detect mode. |
| Green LED blinking with single beep | Device doing finger print capture. |

Notes:

-Make sure to start the server in a system connected to your local network and note down its IP address and port number before starting the FPS device.

-Once the server starts running and its IP address and port number is available, you can try to setup the FPS device. Refer to “Steps for setting up” for configuring the FPS device above.

-Make sure to wait for 2 mins and Power reset the device after every re-configuration or firmware update.

-Device config page can be always reached by connecting to “*Mercury\_FPS*” WiFi access point and opening IP *192.168.4.1*

-There can be a delay of 1minute while trying to access the configuration page while the device is working state. If the configuration page is not accessible after connecting to *Mercury\_FPS* access point, try power resetting the FPS device keeping the configuration page IP address in the host system browser refreshed.

-In case any server settings are changed, make sure the device settings are correct and to power reset the device, in order to make sure the changes are reflecting.

-While performing any fingerprint enroll or detection function keep the finger vertically on the sensor without any motion for few seconds, making sure the green LED is blinking for 2 times for a proper capture.



