

FlinkSign

1.1 Initial Setup

GoTronics Matrix LED Display Driver for Commercial and Industrial IOT applications



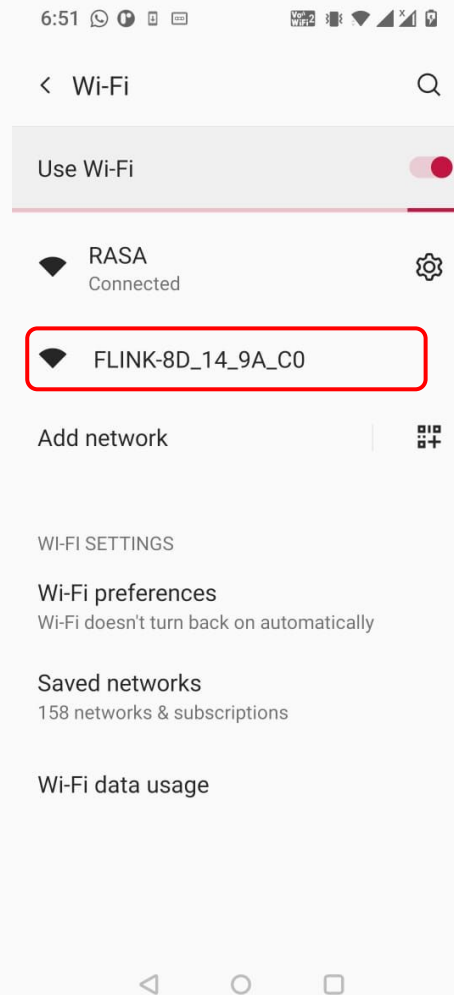
Initial Setup

Step1

- Power On Your Device.
- You will see the Initial Welcome Message.
- Power Off Your Device.
- Press Down and Hold the the Setup Button at the Back and Power On the Board
- You will see SETUP Message in the display
- The the Board will show up as a WiFi Access Point
- You can connect to this Access Point from your mobile device or laptop to configure.

Step 2

- When you scan for WiFi in your Mobile device you will see an AP Named FLINK-XX_XX_XX
- Connect to this AP.

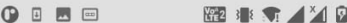


Step 3

You should see the Sign in Screen. If not open the browser and enter IP **192.168.4.1**

Connect to You AP:

Click on the Scan Button to scan for the Access points.

6:54 

Sign in to FLINK-8D_14_9A_C0
connectivitycheck.gstatic.com

[\[Home\]](#) FlinkSign Setup

Build: Aug 28 2023 20:53:52

SSID: RASA

PWD:

admin PIN: 999
(Login: admin)

IPTYPE: STATIC

IP: 192.168.3.39

MASK: 255.255.255.0

GW:

DNS1:


DNS2:

[Setup_NTP.](#)

Need Wifi2Serial (Port 8080)

Need WDT Comm Restart

[\[BACK \]](#) [\[Restart \]](#) [\[LED Board Setup \]](#)

6:54 

Sign in to FLINK-8D_14_9A_C0
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DNS1:

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[Setup_NTP.](#)

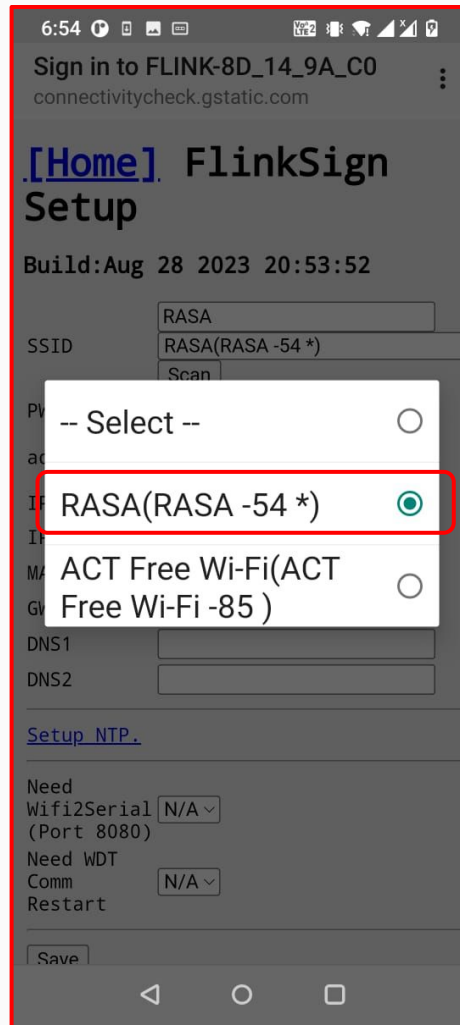
Need Wifi2Serial (Port 8080)

Need WDT Comm Restart

[\[BACK \]](#) [\[Restart \]](#) [\[LED Board Setup \]](#)

Step 4

- Select your AP
- Set Access Point Password
- Set Admin Pin (999)
- Set IPTYPE to DHCP
- Click Save



Step 5

- You can use DHCP or Static
- This will Restart the board and it will try to connect to your Local WiFi.
- You can connect to the board using the GoTronics App or the Browser.

[\[Home\]](#) FlinkSign Setup

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SSID

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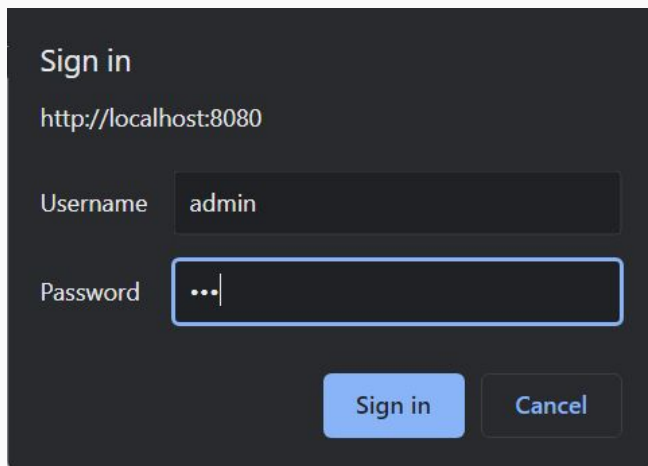
Using Browser

- To get the IP Address, After the Board has completely booted up , press and release the Setup Button In the back.
- This will display the IP address of the Board that was provided by your router (DHCP).
- If you have used Static IP instead of DHCP you can use that IP address.
- You can access the board by typing in the IP Address in a web browser.

WebBrowser

- Login as admin
- Use the saved pin as your password.
- You will be taken to the Settings Page.
- Set Admin WS Key and USER WS KEY to Something Secure.
- Admin WS Key is used to update the settings
- User WS Key is used to update the content

- Click on Save
- Click on LED Board Setup



Sign in

http://localhost:8080

Username

Password

FlinkSign Config.



ADMIN WS KEY

USER WS KEY

POLLURL

POLLDUR

[\[LED Board Setup_ \]](#) [\[SSID Setup_ \]](#) [\[OTA \]](#) [\[files_ \]](#)

Initial Window and Message Setup

Step 1

- Set the Window Count to 2
- Set the Dimensions
- Set Save To Flash to Yes
- Click on Write.
- The Messages will be configured next.

[Home] User Interface for LED Board

KEY1 OK

[Windows] [Messages] [Advanced]

WindowCount: 02 ▾

Window0 X 0 Y 0 W 32 H 8

Window1 X 0 Y 8 W 32 H 8

Save To Flash No ▾

Send

No

Yes

- 1) Select the Window Count.
- 2) Enter the Window X,Y,Width and Height.
- 3) "Send" to send the settings to the board.

Once all the settings are satisfactory click on "Save Changes to Flash"

By default Window0 Loads Saved Message0 , Window1 Loads Saved Message1 and so on.

Step 2

Setup Message 0

After setting up the message
Click on Write Button.

[Home] User Interface for LED Board

KEY1 OK

[Windows] [Messages] [Advanced]

Type MESSAGE ▾
Window/MsgID 00 ▾
Font 01 ▾
Effect STAY_MESSAGE ▾
Speed 00
Stay 00
Align 0 ▾
Color 1 ▾
Message MSG0
SaveToFlash. No ▾

Send

Select the Message Parameters and Click "Send".
MsgID 0-15 Map Directly to Windows 0-15.

If you want to store a message Set "SaveToFlash." to yes.

Step 3

Setup Message 1

After setting up the message
Click on Write Button.

[Home] User Interface for LED Board

KEY1 OK

[Windows] [Messages] [Advanced]

Type: MESSAGE

Window/MsgID: 01

Font: 01

Effect: STAY_MESSAGE

Speed: 00

Stay: 00

Align: 0

Color: 1

Message: MSG1

SaveToFlash: No

Send

Select the Message Parameters and Click "Send".
MsgID 0-15 Map Directly to Windows 0-15.

If you want to store a message Set "SaveToFlash." to yes.

Step 4

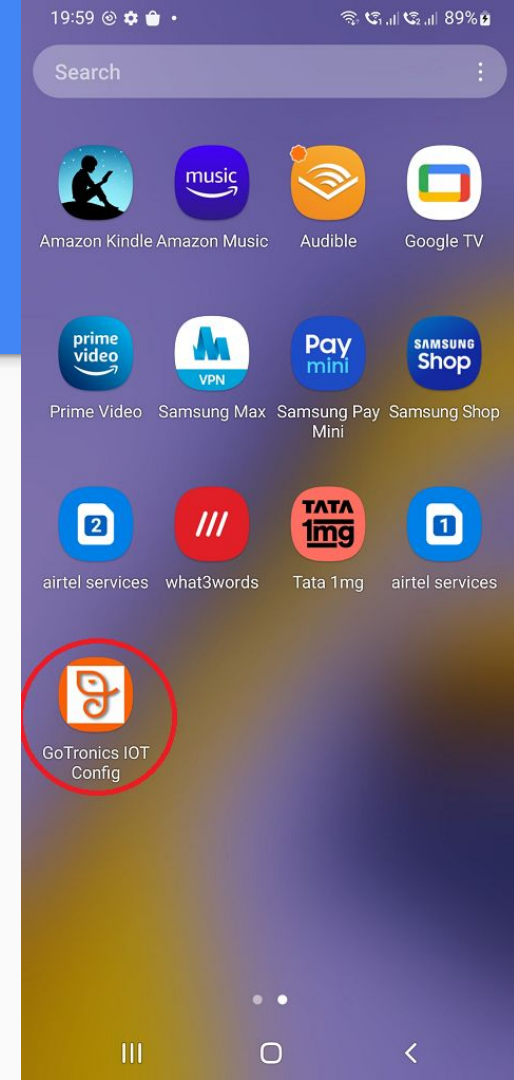
Device View



Using App

You can use the GoTronics IOT app to connect to the Board and control it.

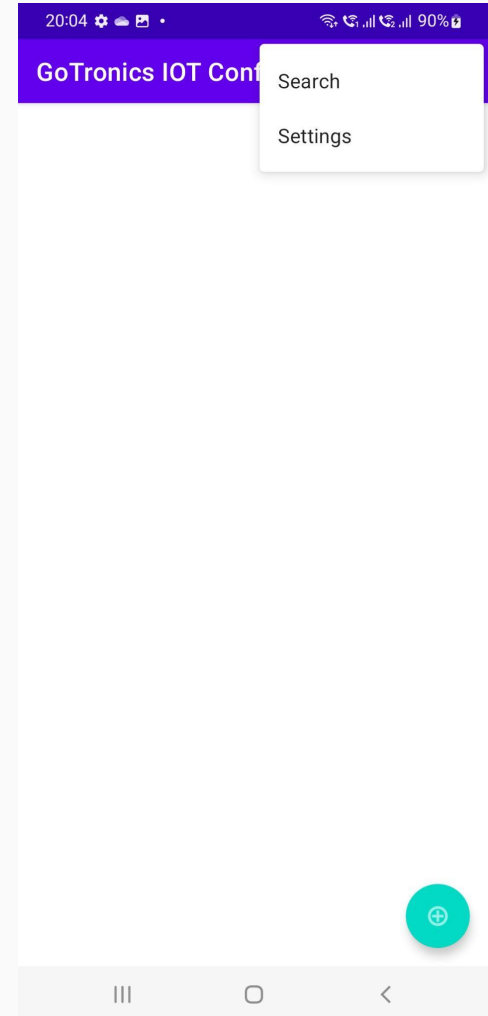
The app is downloadable from our site or the play store.



Step 1

Click on Top Right Menu ICON and

Click on Search

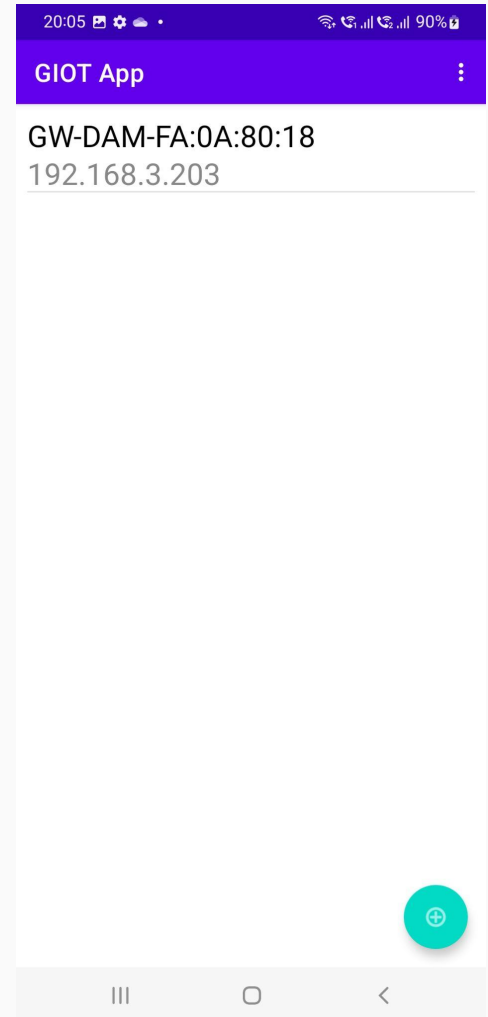
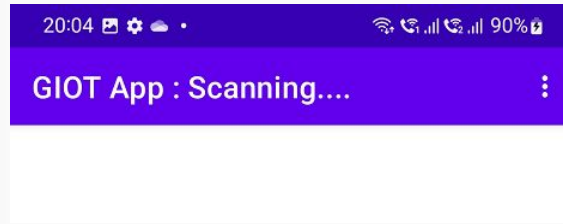


Step 2

The App will scan and locate the device.

The device will be displayed in the list

You can click on the device name to configure.



Step 3

The device will ask for authentication,

Use **admin** as the username and

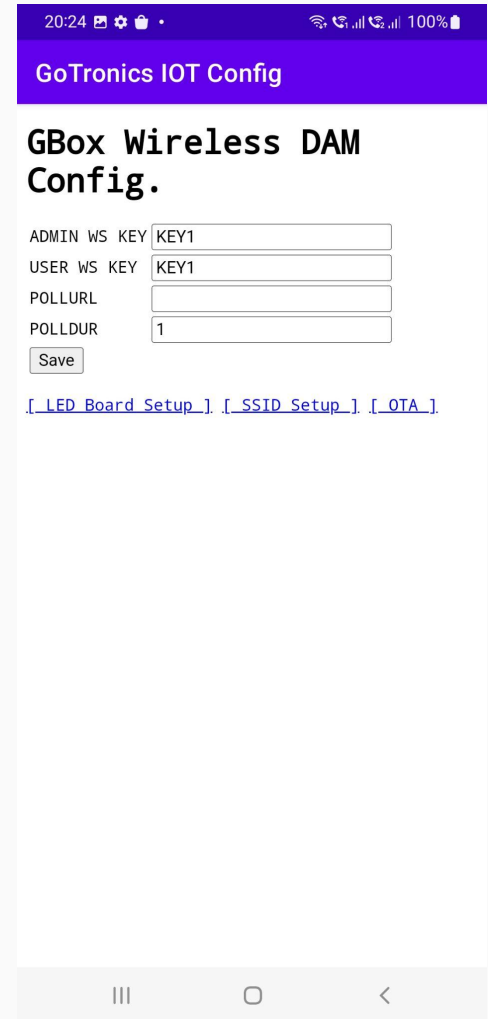
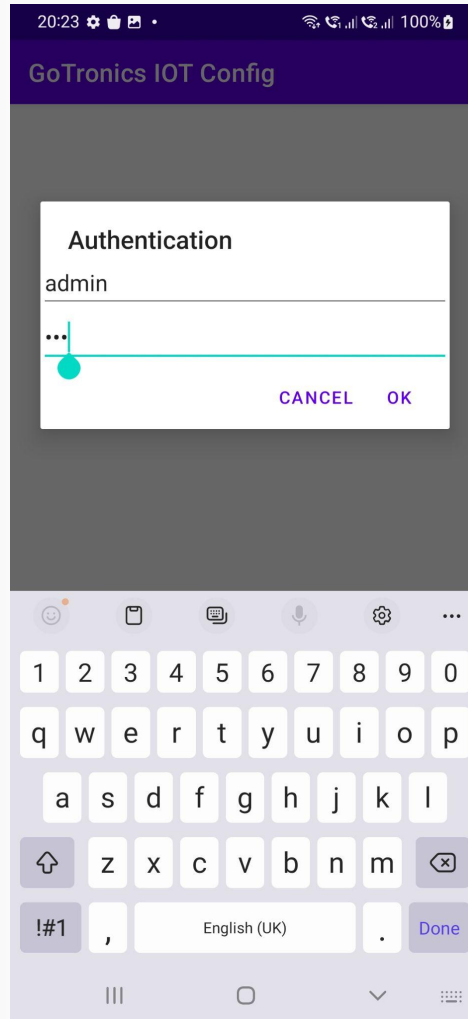
Use the pin you entered during setup for password.

If the pin was not set then leave it empty

Click OK

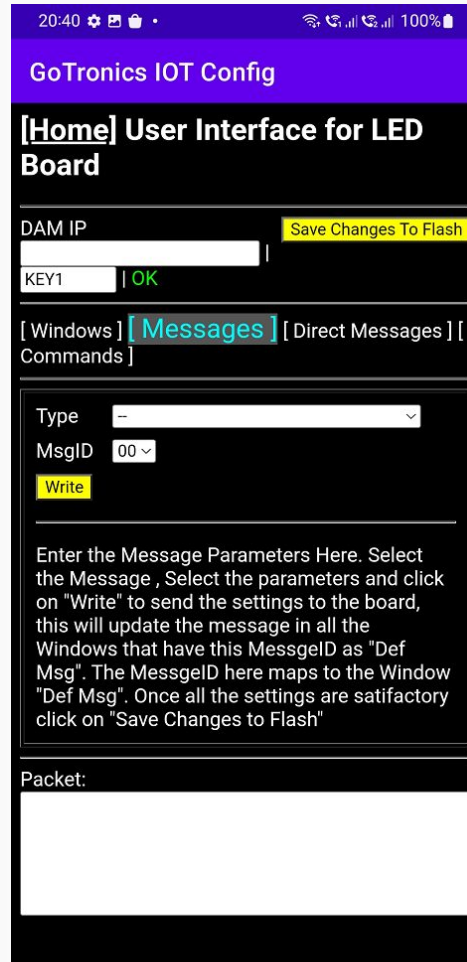
Make a note of the **User WS Key**.

Click on **LED Board Setup**



Step 4

You will be able to see the
LED Setup Screens.



Thanks!

Contact us:

GoTronics

info@gotronics.in

info@FlinkFusion.com

www.gotronics.in