



VISUAL LED

VIPLEX HANDY APP CONFIGURATION MANUAL



**FOR ANDROID AND APPLE IOS & IPADOS
MOBILE DEVICES**

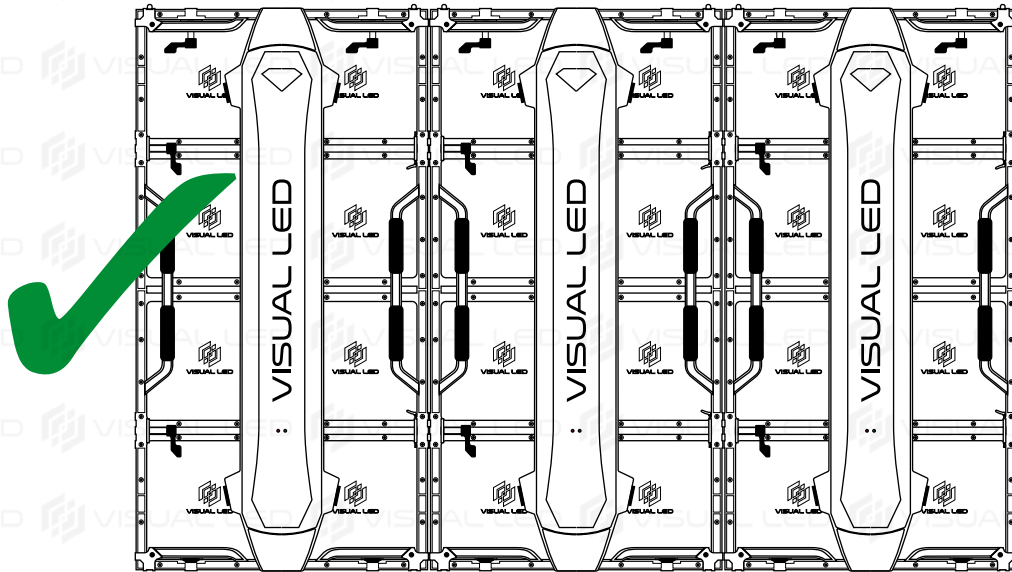


ENGLISH

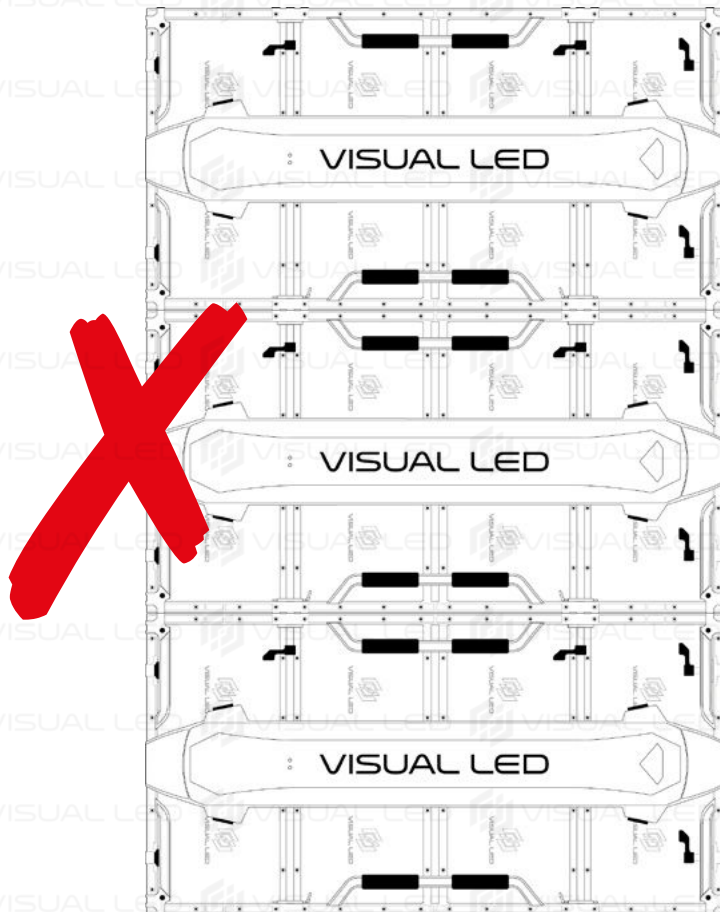


WARNING: THIS MANUAL IS ONLY SUITABLE FOR LED DISPLAYS ASSEMBLED WITH VERTICAL CABINETS.

VALID EXAMPLE: screen with 3 vertical cabinets in a row



NOT VALID: screen with 3 horizontal cabinets on a column



**IF YOUR DISPLAY CANNOT BE ASSEMBLED WITH VERTICAL CABINETS
FOLLOW THE WINDOWS PC CONFIGURATION MANUAL**

CONFIGURATION STEPS

READ THIS MANUAL AND FOLLOW THE STEPS OF THE CONFIGURATION PROCESS IN ORDER.

1

CREATE A VNNOX ACCOUNT

BEFORE SETTING UP THE DISPLAY CONFIGURATION

2

CONNECTIONS AND WIRING

MAKE SURE THAT THE CONNECTION BETWEEN YOUR DISPLAY AND YOUR CONTENT PLAYER IS CORRECT

3

DISPLAY CONFIGURATION WITH VIPLEX HANDY

FOLLOW THESE STEPS TO SET UP YOUR LED DISPLAY

4

CONNECT YOUR CONTENT PLAYER TO THE INTERNET

USE NETWORK CABLE OR WI-FI

5

BIND YOUR DISPLAY TO YOUR VNNOX ACCOUNT

USE THE DATA YOU GOT IN STEP 1 TO BIND THE CONTENT PLAYER TO YOUR VNNOX ACCOUNT AND CONTROL IT REMOTELY



BEFORE WE BEGIN, USE THIS QR CODE TO INSTALL VIPLEX HANDY IN YOUR ANDROID OR APPLE DEVICE

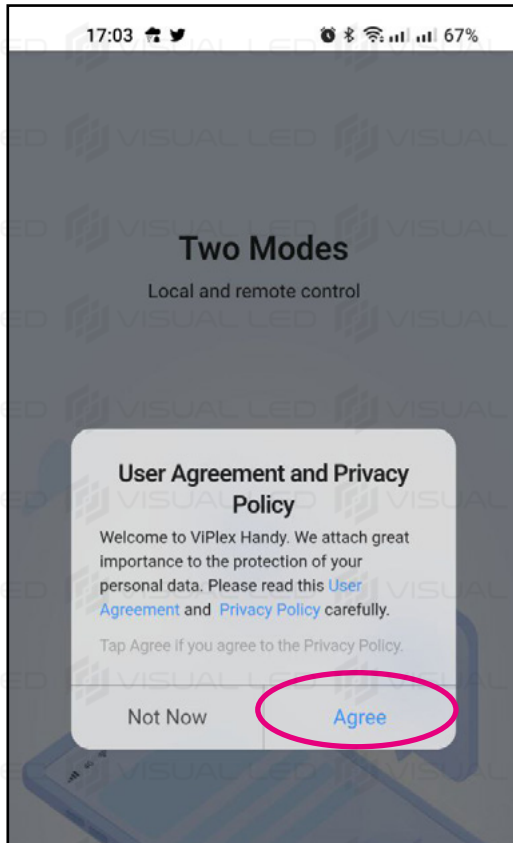


STEP 1: CREATE A VIPLEX HANDY / VNNOX ACCOUNT

1.1 - CREATING YOUR USER ACCOUNT



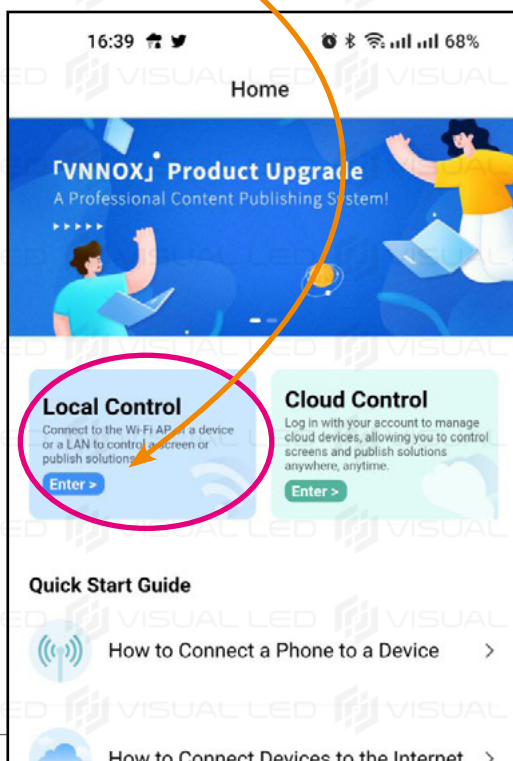
1. Launch the APP and accept the user policy



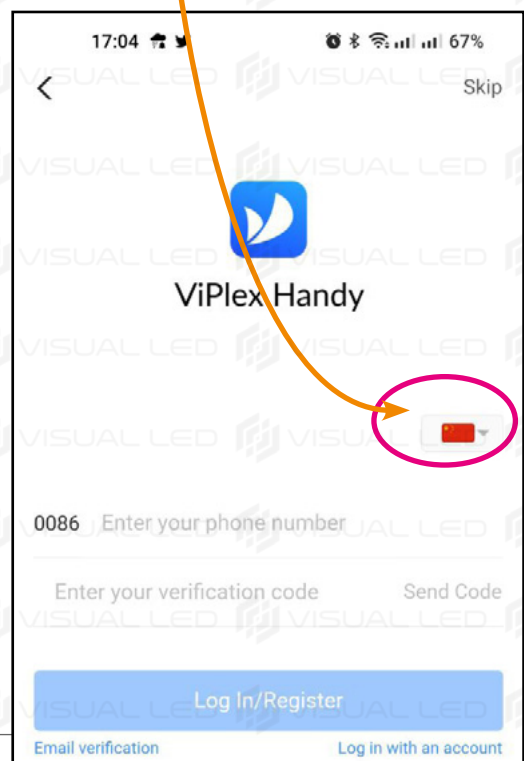
2. Slide through the presentation and Select "GET STARTED".



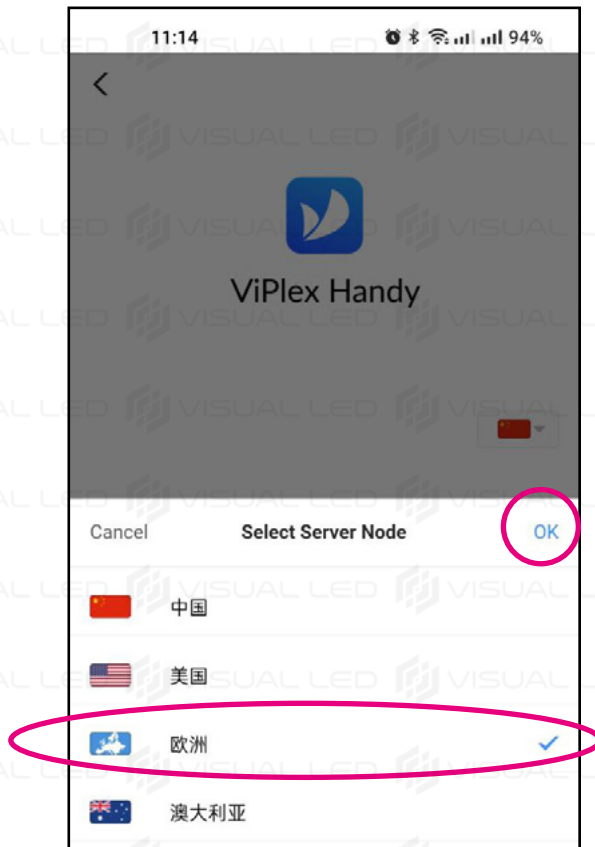
3. Select the "LOCAL CONTROL" section on the main page.



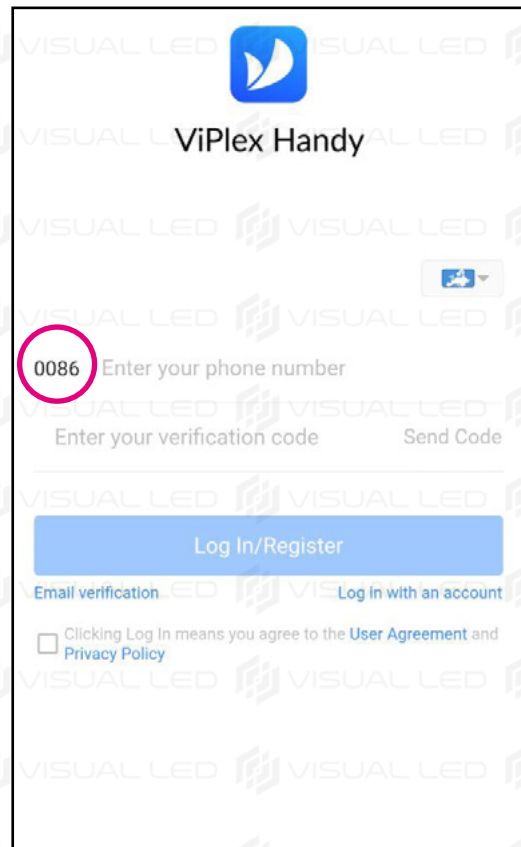
4. Drop down the region menu by selecting in the flag



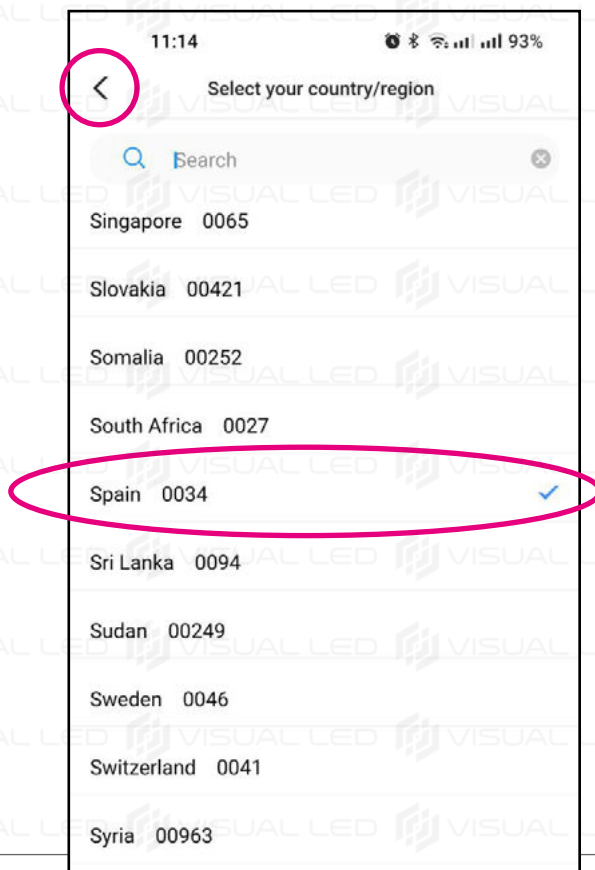
5. Select the option with the **EUROPE** map then **"OK"**.



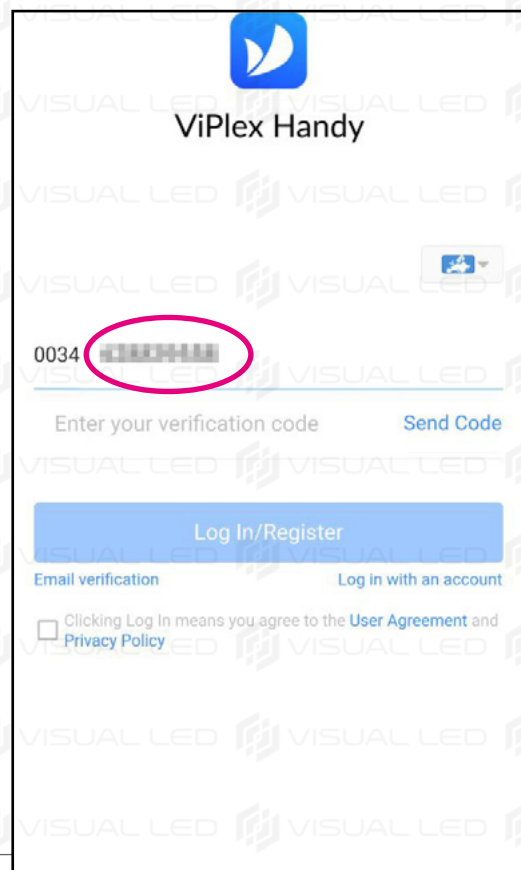
6. Select **"0086"** and then insert the telephone code of your country.



7. Scroll down the list until you find your country code. For example **"SPAIN 0034"**. Then select **"BACK"** to return.




8. Enter a cell phone number. **PLEASE NOTE THAT THE NUMBER WILL BE VERIFIED.**



9. Select “SEND CODE” and wait a few seconds to receive an SMS message.

11:15 93%


ViPlex Handy

0034 [REDACTED]

Enter your verification code [Send Code](#)

[Log In/Register](#)

Email verification Log in with an account

☐ Clicking Log In means you agree to the [User Agreement](#) and [Privacy Policy](#)

10. The message contains a number. Enter that verification code here


ViPlex Handy

0034 [REDACTED]


[391133](#) Resend(101s)

[Log In/Register](#)

[Email verification](#) [Log in with an account](#)

☐ Clicking Log In means you agree to the [User Agreement](#) and [Privacy Policy](#)

11. Click on the box to accept the terms of service.


ViPlex Handy

0034 [REDACTED]


[391133](#) Resend(95s)

[Log In/Register](#)

Email verification Log in with an account

☒ Clicking Log In means you agree to the [User Agreement](#) and [Privacy Policy](#)

12. Press the “LOG IN / REGISTER” button.


ViPlex Handy

0034 [REDACTED]

[391133](#) Resend(95s)

[Log In/Register](#)

[Email verification](#) [Log in with an account](#)

☒ Clicking Log In means you agree to the [User Agreement](#) and [Privacy Policy](#)

13. Enter a new user name. This username will be shared with the VNNOX web portal.

11:16 93%

Complete Account Information

Set a user name

Set a password

Done

An account is created automatically when the phone number or email address you entered has never been used for registration before. Please complete your account information.

14. Enter a new password: it must be at least 8 characters long and must contain letters, numbers and symbols.

<

Complete Account Information

The password cannot contain spaces and must be 8-25 letters, numbers and symbols. The symbols support !-@#%&_+?.

pantallasVLED

.....

Done

An account is created automatically when the phone number or email address you entered has never been used for registration before. Please complete your account information.

15. Select the "DONE" button to finish the registration process.

<

Complete Account Information

The password cannot contain spaces and must be 8-25 letters, numbers and symbols. The symbols support !-@#%&_+?.

pantallasVLED

.....

Done

An account is created automatically when the phone number or email address you entered has never been used for registration before. Please complete your account information.

16. When finished you will see a screen like this

11:19 93%

pantallasVLED 628839558 Europe

Device Control Method Local Control >

Help >

Language English >

Firmware Management >

System Configuration Files >

Screen Configuration ☒

Demo ☒

2.1 - WIRING DIAGRAM



**ETHERNET NETWORK CABLE DIRECT
FROM THE LED OUT PORT OF THE
CONTROLLER TO THE FIRST LED
DISPLAY FRAME**

THERE MUST NOT BE ANY ROUTER OR SWITCH BETWEEN THE PLAYER AND THE SCREEN



CONNECT YOUR DEVICE
TO THE CONTENT
PLAYER'S WI-FI ACCESS
POINT



CONTENT
PLAYER



CONNECT THE NETWORK ANTENNA TO IMPROVE THE RANGE OF THE WIFI CONNECTION.

SEE SIDE STICKER WITH
NAME AND PASSWORD FOR
THE CONTENT PLAYER'S WIFI
ACCESS POINT

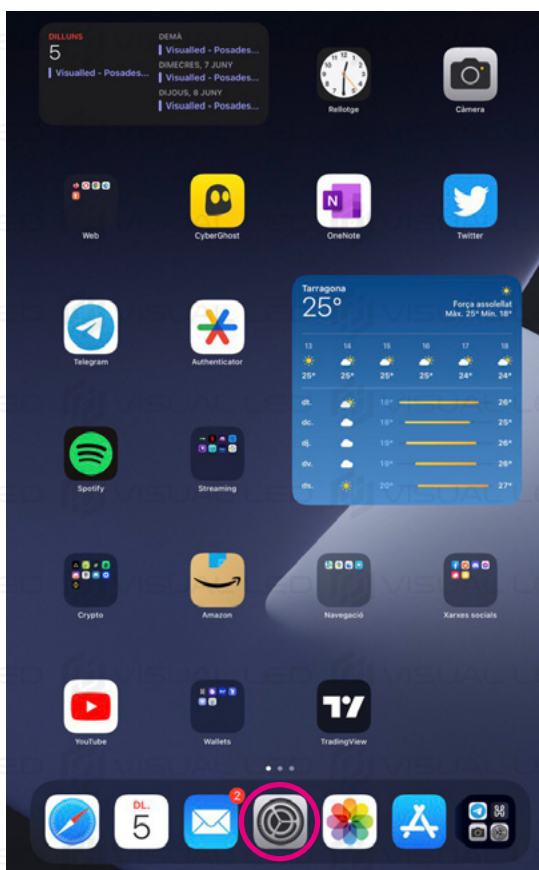


STEP 3: DISPLAY CONFIGURATION WITH VIPLEX HANDY

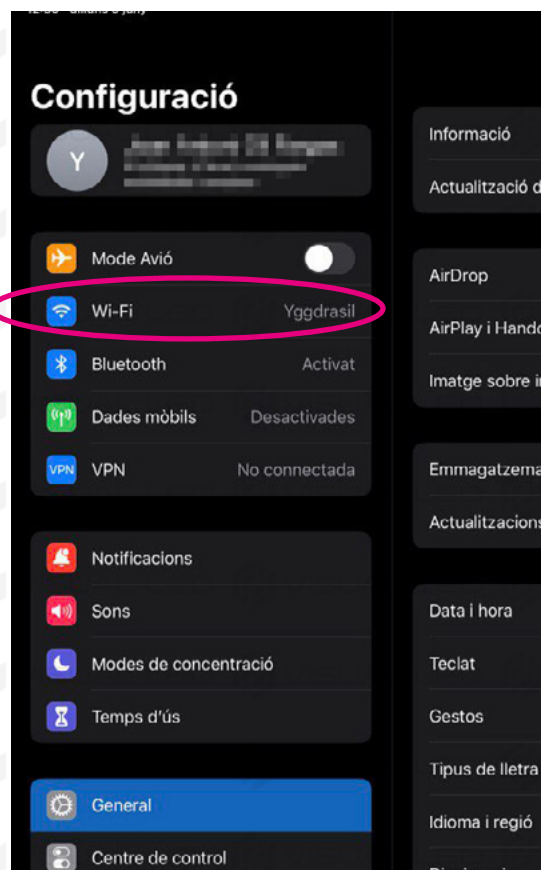
DURING THIS PROCESS YOUR DEVICE MUST REMAIN CONNECTED TO THE PLAYER'S WIFI NETWORK.

3.1 - CONNECTION TO THE PLAYER'S WI-FI NETWORK

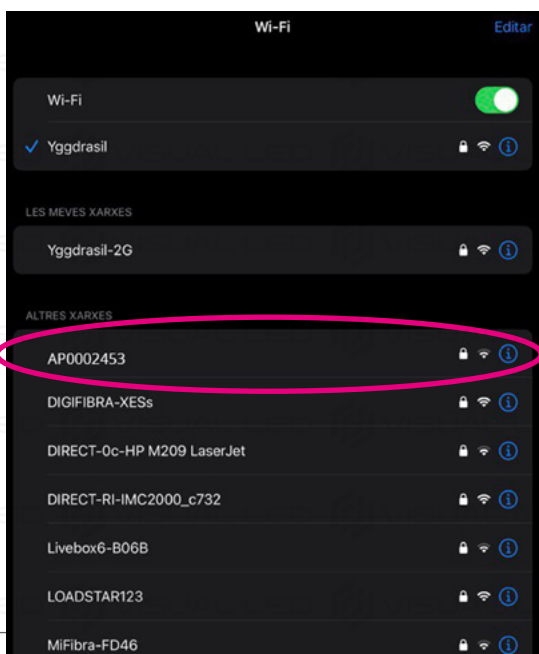
1. Go to the **SETTINGS** screen.



2. Select **Wi-Fi** configuration



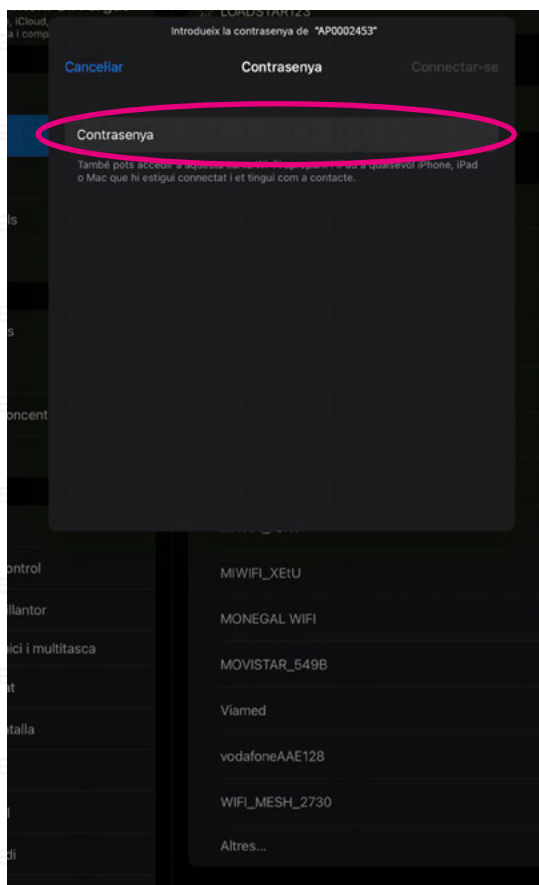
3. Check the list of available **WI.FI** networks and select the player's network: **APXXXXXXXXX**



The Wi-Fi network name (SSID) and password are on a sticker on the side of the player.

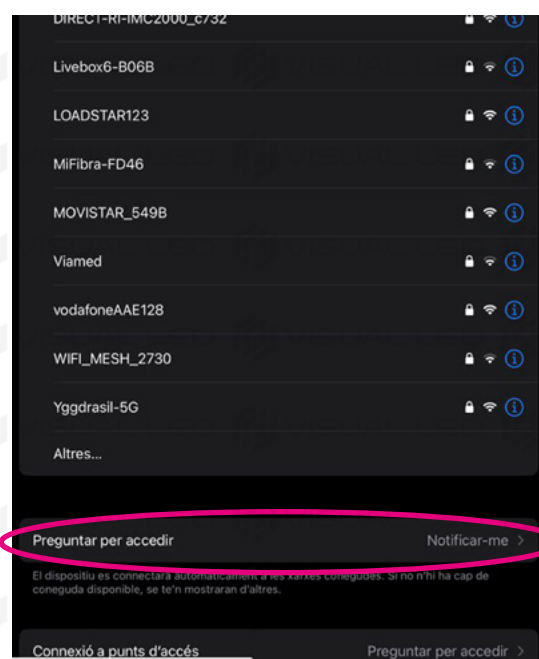


4. Enter the player's Wi-Fi password (12345678 by default) and connect to the network.



5. This network provides no internet. It is a direct connection to the LED display content player.

IF YOUR DEVICE IS CONFIGURED TO AUTOMATICALLY CONNECT TO KNOWN NETWORKS WITH INTERNET CONNECTION YOU MAY HAVE TO DISABLE THIS OPTION BEFORE CONNECTING.



On IOS devices you can set the “ASK TO LOGIN” option to “ASK” mode to prevent automatic logout.



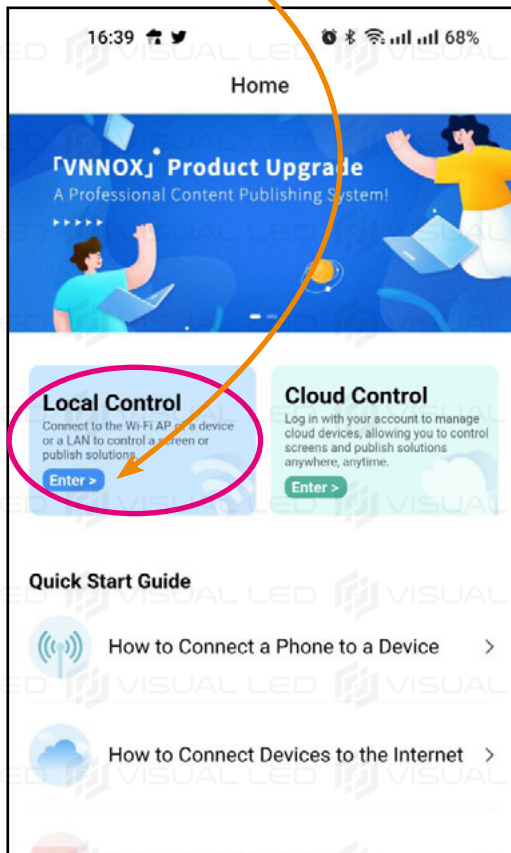
On ANDROID devices you can enter the configuration of your usual WIFI networks and uncheck the option “AUTOMATIC CONNECTION”.

IF YOU DO NOT CONFIGURE THIS OPTION PROPERLY, IT IS POSSIBLE THAT your device will AUTOMATICALLY disconnect from the content player and reconnect to another WI-Fi network.

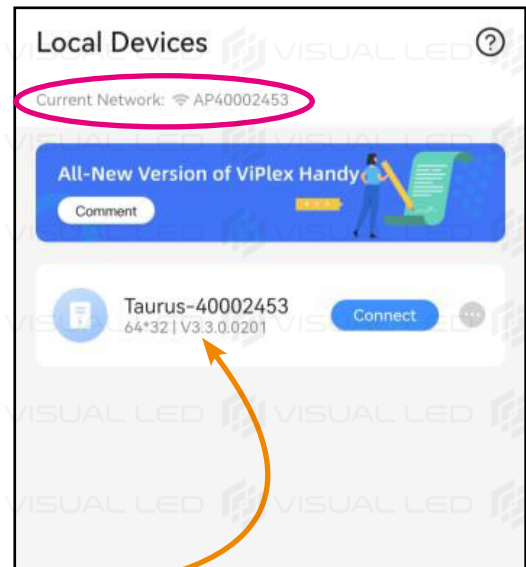
3.2 - LOGIN TO THE CONTENT PLAYER



1. Start the **VIPLEX HANDY APP** and select **“LOCAL CONTROL”**



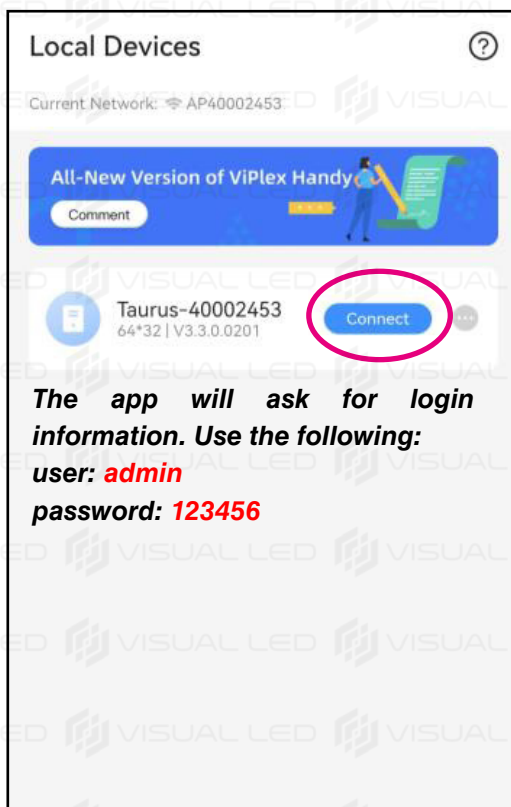
2. Make sure you are still connected to the player's **WIFI network**.



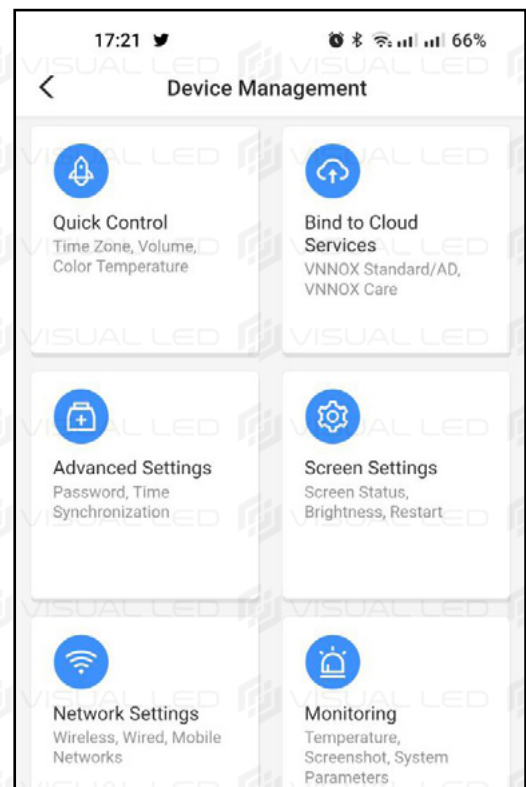
If the connection is correct the APP will detect the player on the screen as “TAURUS-XXXXXX”

If the connection is not correct the APP will not detect the controller.

3. Tap on **“CONNECT”**

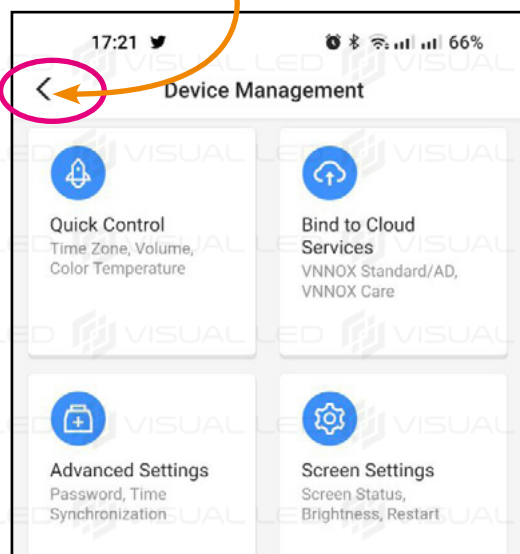


4. After logging in you should see a screen like this

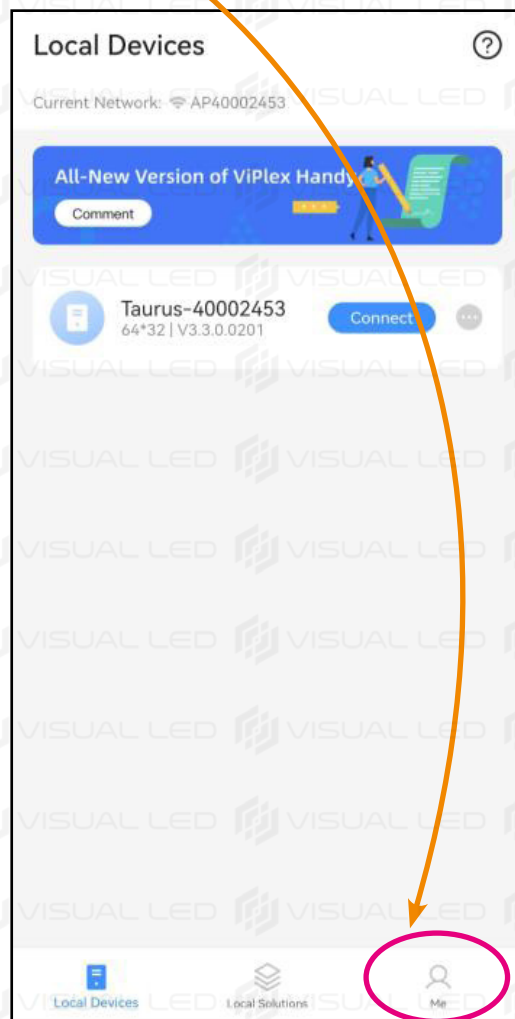


3.3 - ACTIVATE CONFIGURATION MODE

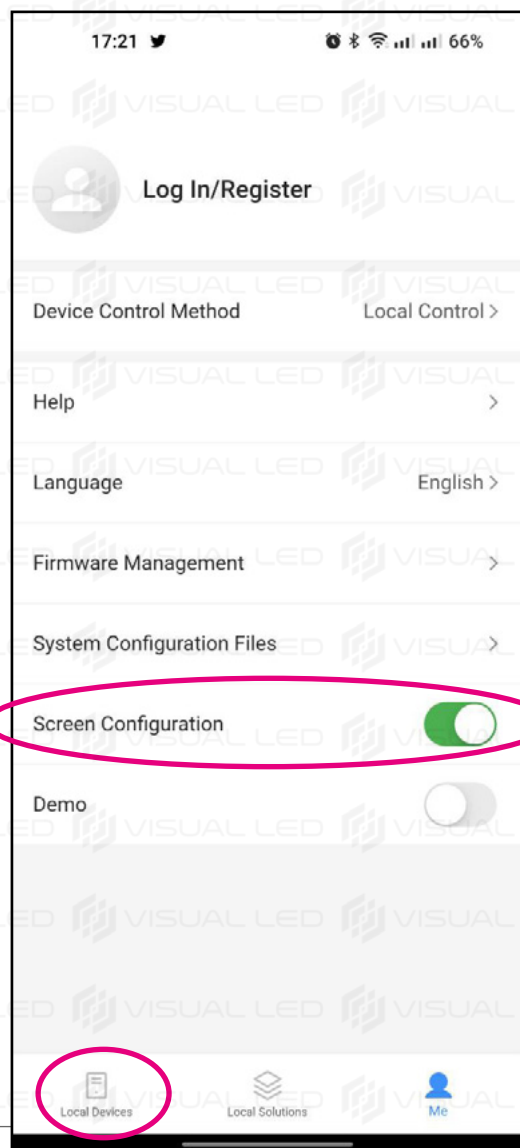
1. Return to the device screen by selecting **"BACK"**.



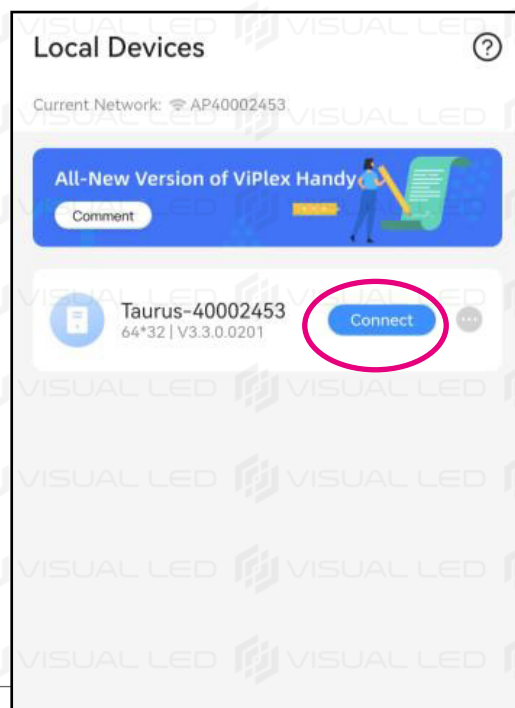
2. Select **"ME"** on the lower right corner



3. Activate **"SCREEN CONFIGURATION"** and get back to **"LOCAL DEVICES"**

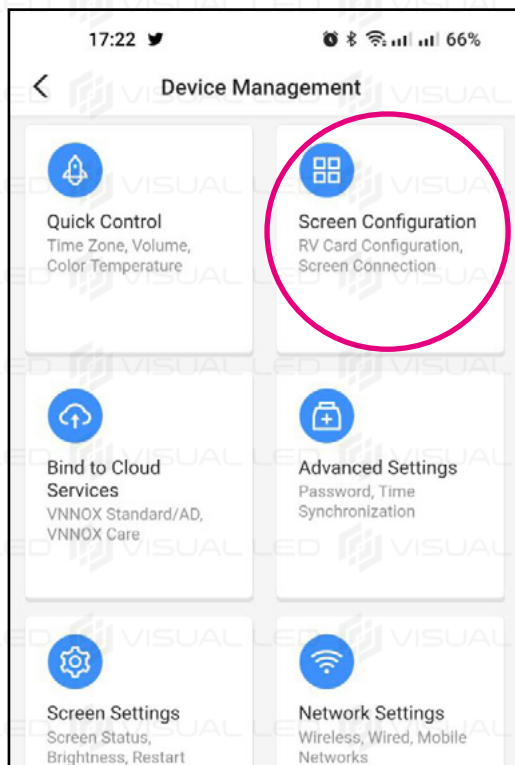


4. Tap on **"CONNECT"**

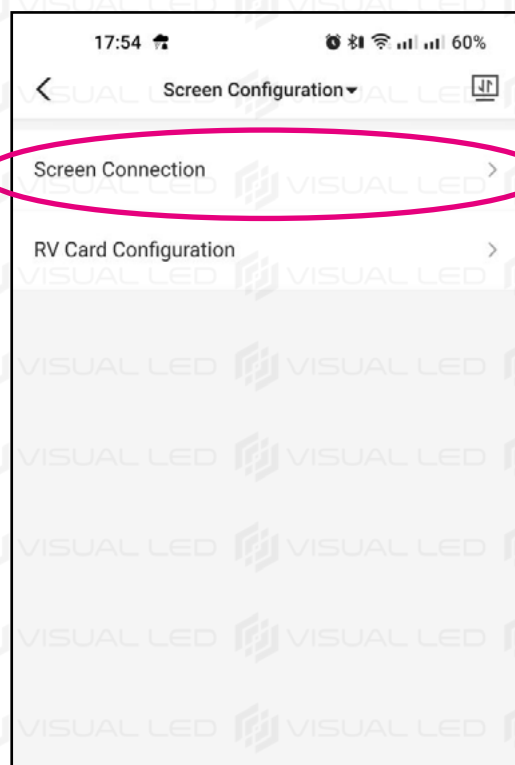


3.4 - CHECK DISPLAY CONFIGURATION

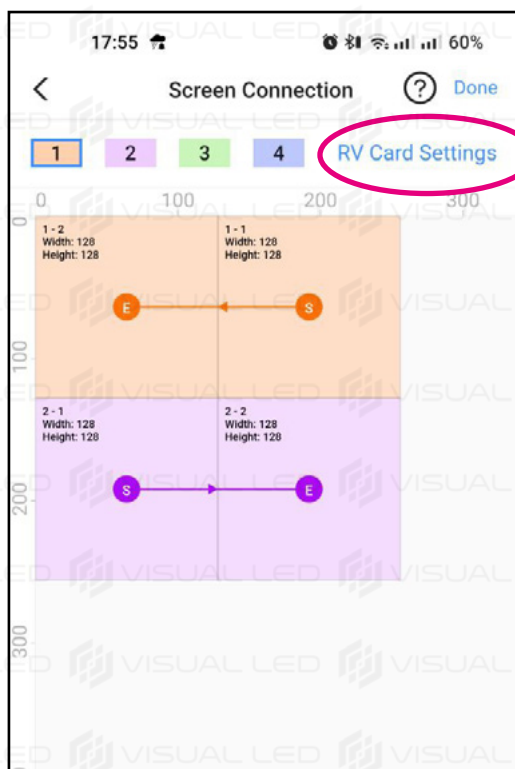
1. Tap on “SCREEN CONFIGURATION”



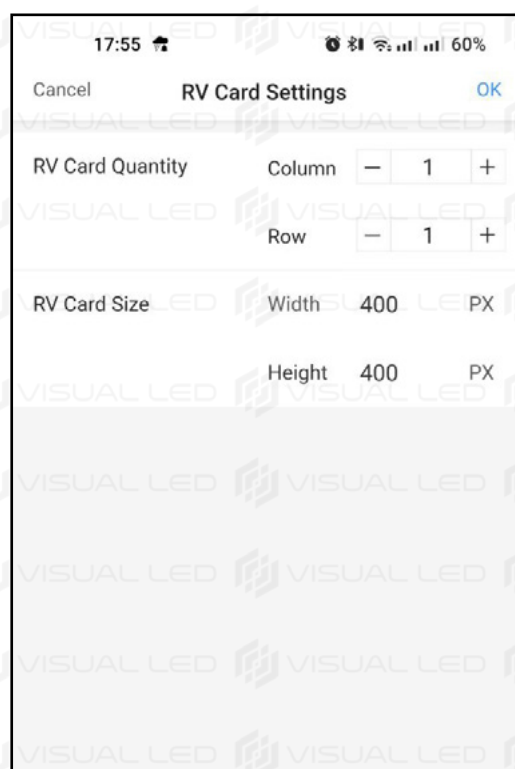
2. Select “SCREEN CONFIGURATION”



3. Tap on “RV CARD SETTINGS”



4. A screen like this will appear:



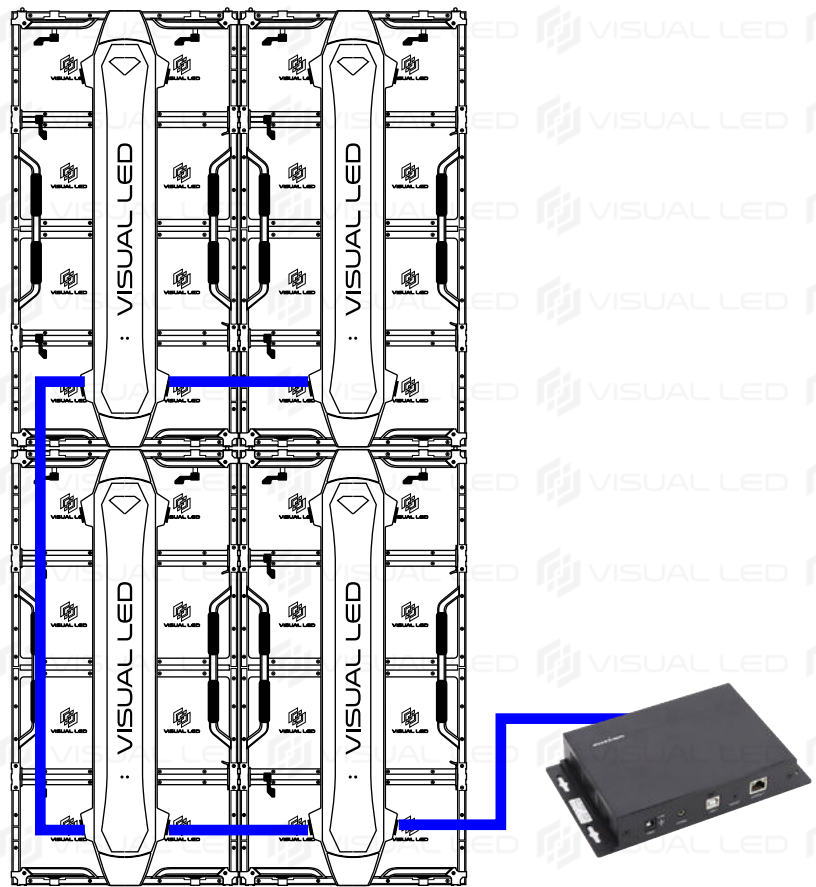


WARNING: THIS MANUAL WILL SHOW THE CONFIGURATION OF A SCREEN AS AN EXAMPLE.

ADAPT THE INSTRUCTIONS IN THIS MANUAL TO MATCH THE NUMBER OF CABINETS, ITS POSITION AND ITS NATIVE RESOLUTION TO CONFIGURE YOUR OWN LED DISPLAY.

EXAMPLE OF AN LED DISPLAY DATA WIRING DIAGRAM

Example for this manual. A display of 4 vertical frames in 2 rows and 2 columns



REAR VIEW



IMPORTANT: THE APP SHOWS THE CABINETS AND THE WIRING OF THE DISPLAY FROM A FRONT VIEW. THEREFORE, TO REPRODUCE THIS EXAMPLE WE WILL CONFIGURE THE DATA WIRING ENTERING INTO THE SCREEN FROM THE LOWER LEFT CABINET.

3.4 - SET THE AMOUNT OF CABINETS

1. In “RV CARD QUANTITY” we will set the number of cabinets of our example display

17:55 60%

Cancel RV Card Settings OK

RV Card Quantity Column - 1 +

Row - 1 +

RV Card Size Width 400 PX

Height 400 PX

2. Specify the number of columns and rows to match your own display. For this example we will use 2 rows and 2 columns making a display with 4 cabinets

17:55 60%

Cancel RV Card Settings OK

RV Card Quantity Column - 2 +

Row - 2 +

3.5 - SET THE CABINET NATIVE RESOLUTION IN PIXELS



IF YOU DO NOT KNOW THE RESOLUTION OF YOUR DISPLAY CABINET, PLEASE REFER TO THE DATA SHEET OR CONTACT VISUAL LED SUPPORT.

1. In “RV CARD SIZE” set the resolution in pixels of one frame of your screen.

17:55 60%

Cancel RV Card Settings OK

RV Card Quantity Column - 1 +

Row - 1 +

RV Card Size Width 400 PX

Height 400 PX

2. For the example in this manual we will use a resolution of 128px width and 256px height.

17:55 60%

Cancel RV Card Settings OK

RV Card Quantity Column - 2 +

Row - 2 +

RV Card Size Width 128 PX

Height 256 PX

3. Tap “OK” on the upper right corner

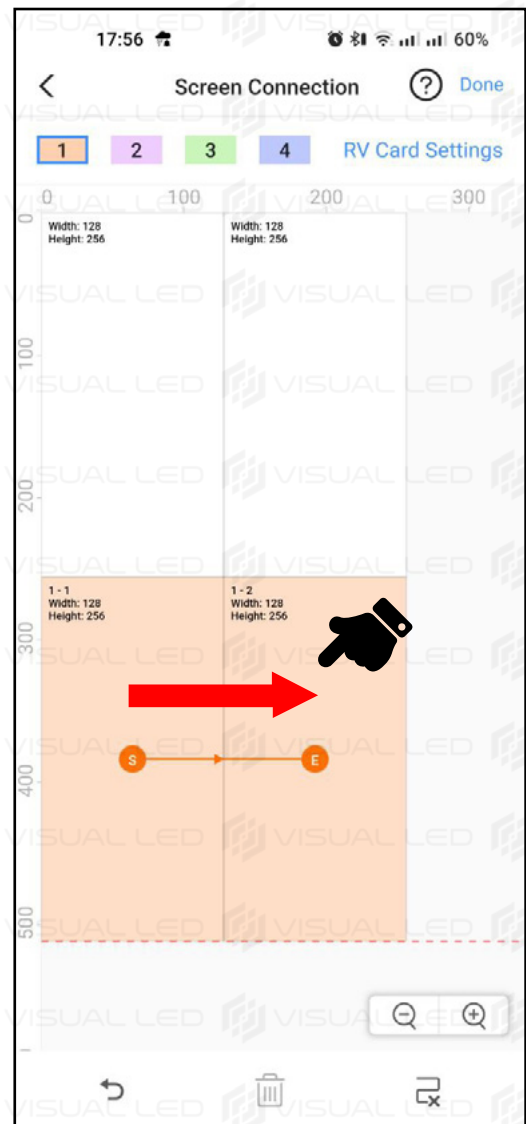
3.6 - CABINETS DATA WIRING DIAGRAM



WE MUST REPRODUCE THE DATA WIRING (NETWORK CABLES) OF THE DISPLAY **FROM A FRONT VIEW OF THE DISPLAY. THIS IMPLIES THAT THE FRAME THAT IS CONNECTED TO THE CONTENT PLAYER IS THE LOWER LEFT ONE ACCORDING TO THE EXAMPLE.**

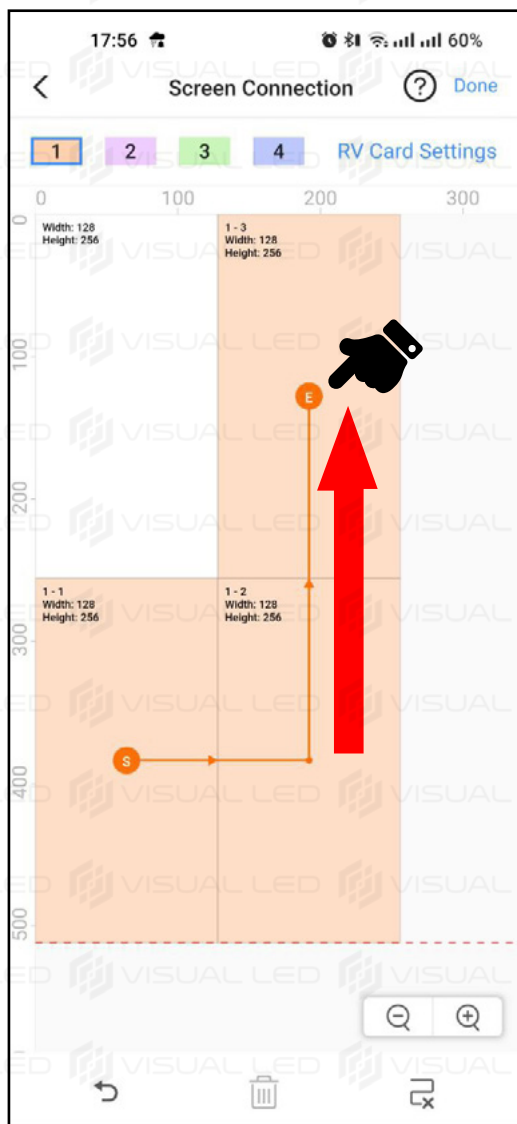
1. After tapping on “OK” you should see a screen similar to this one. **WE MUST START WITH THE CABINET THAT IS DIRECTLY CONNECTED TO THE CONTENT PLAYER**

2. To define a connection, **slide your finger from the center of the first frame to the center of the next frame:**

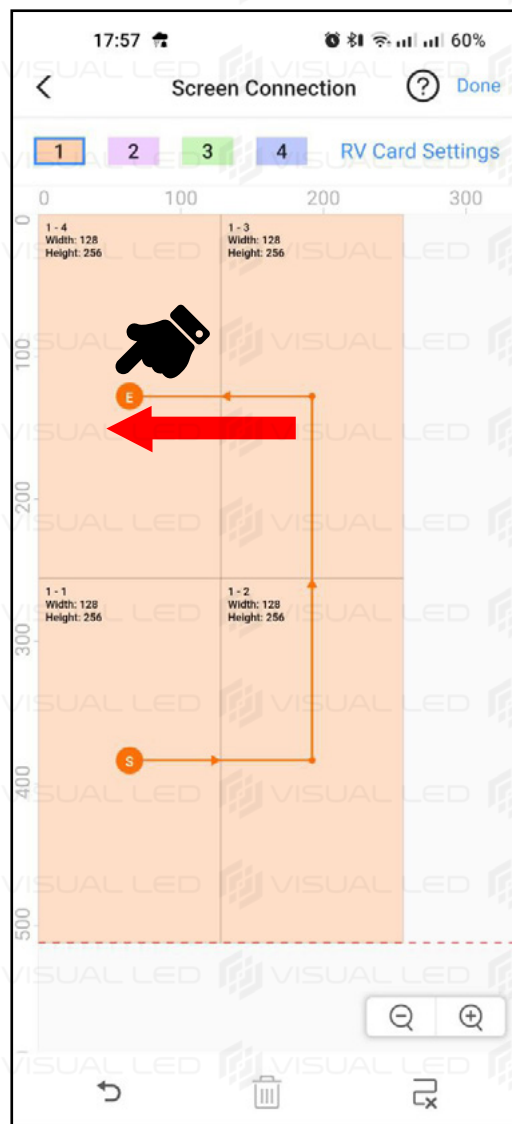


3. If you make a mistake establishing a connection between cabinets you can use the buttons on the bottom strip to go back or restart the process. To configure the wiring correctly you must not have any trusses selected. If a frame appears with a blue frame click off the screen and start over.

4. Repeat the action, this time sliding your finger from the center of the second cabinet to the center of the third cabinet.



5. We finish by sliding from the third cabinet to the fourth. In this way all the cabinets are connected.



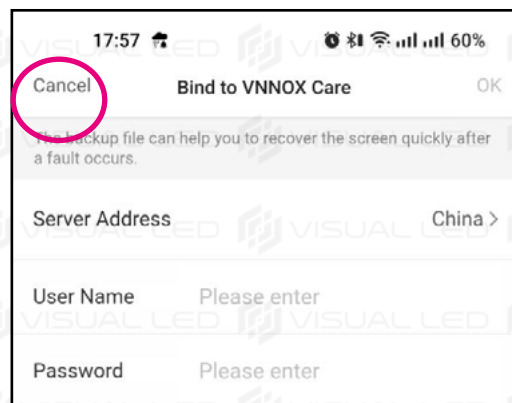
6. Click on "DONE" and our configuration will be sent to the screen. Wait a few seconds



AFTER SENDING THE CONFIGURATION YOU SHOULD BE ABLE TO SEE SAMPLE CONTENTS ON SCREEN.

IT IS POSSIBLE THAT THE SAMPLE CONTENTS MAY APPEAR DISTORTED IN WIDTH OR HEIGHT AS THEY WILL NOT BE OPTIMIZED FOR YOUR NATIVE SCREEN RESOLUTION.

7. After sending the configuration, the VNNOX linking screen may appear. CLICK ON "CANCEL".



PASO 4: CONNECT YOUR DISPLAY TO THE INTERNET

CHOOSE ONE OF THE FOLLOWING CONFIGURATION METHODS

4.1 - METHOD 1: NETWORK CABLE



CONNECT A NETWORK CABLE FROM THE ETHERNET PORT OF THE PLAYER TO THE ROUTER OR SWITCH OF YOUR NETWORK SETUP.

The player is configured to automatically obtain network connection (DHCP).

4.2 - METHOD 2: WI-FI INTERNET CONNECTION



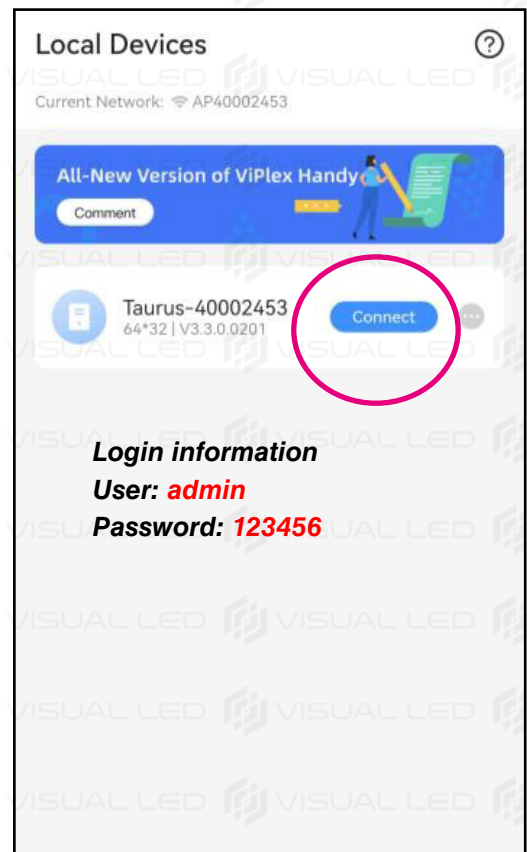
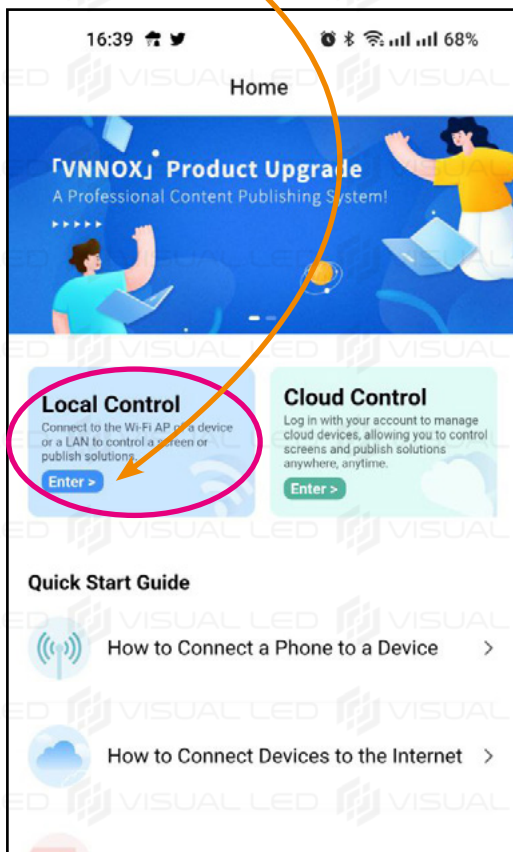
WE WILL USE THE APP TO INSERT THE NETWORK AND PASSWORD OF YOUR OWN ROUTER.

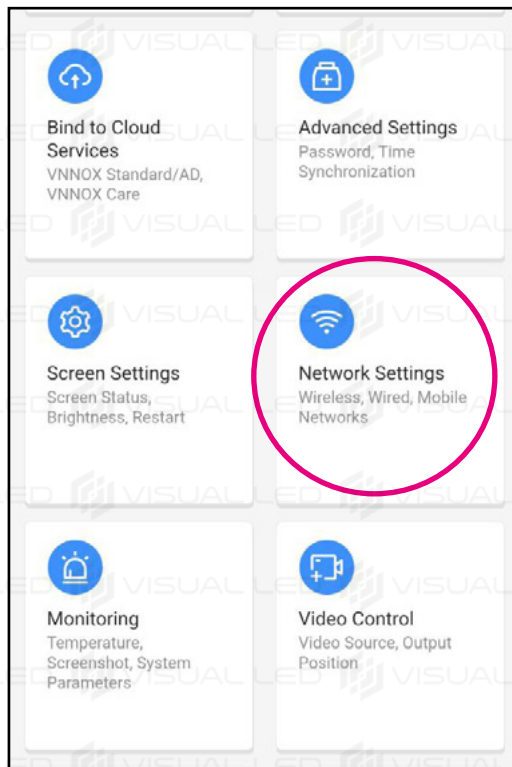
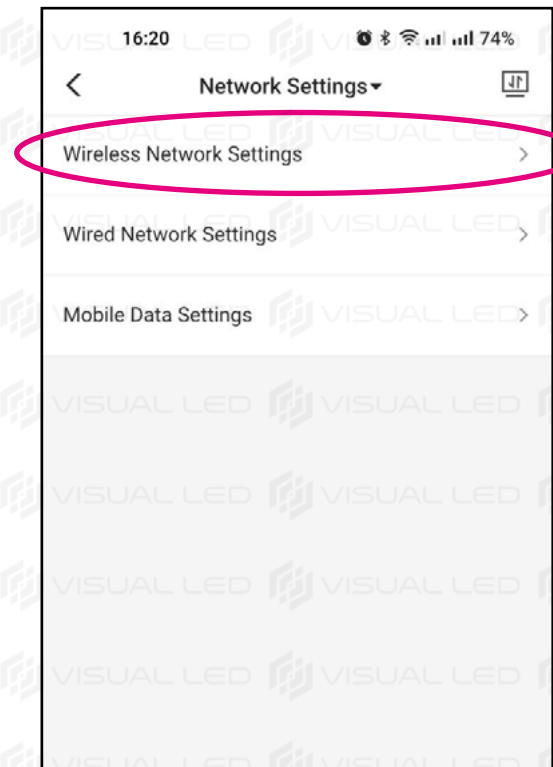
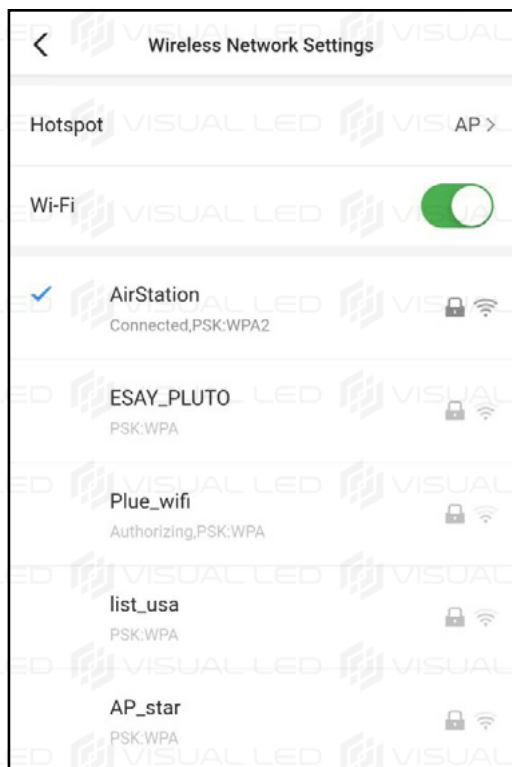
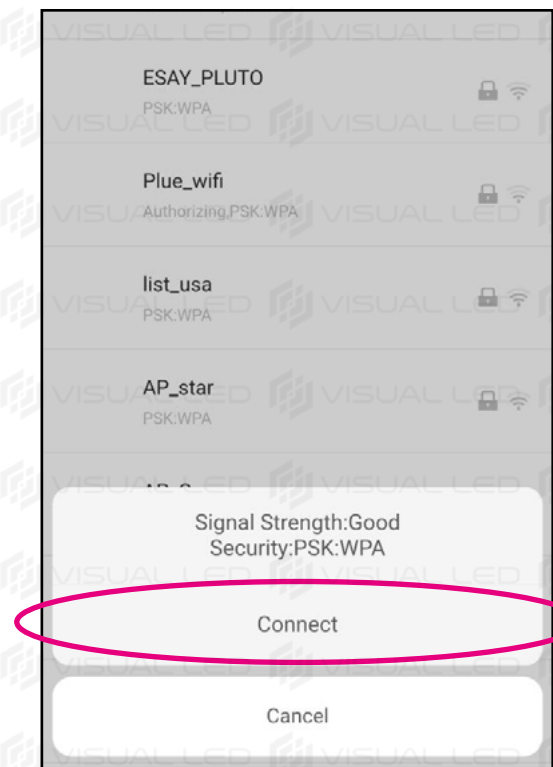
Once the WI-FI is set up, you will lose the direct WI-FI connection from your Android or IOS device to the display. To continue working with the APP you will then have to connect your mobile device to the same WI-FI network as your display.



1. Start the APP and select "LOCAL CONTROL".

2. Connect to the player by entering the default username and password.



3. Tap on "NETWORK SETTINGS"**4. Select "WIRELESS NETWORK SETTINGS"****5. A list of detected Wi-Fi networks will appear****6. Select your preferred Wi-Fi network and tap on "CONNECT"**

7. Insert the password of your Wi-Fi network**8. Tap on "OK"**

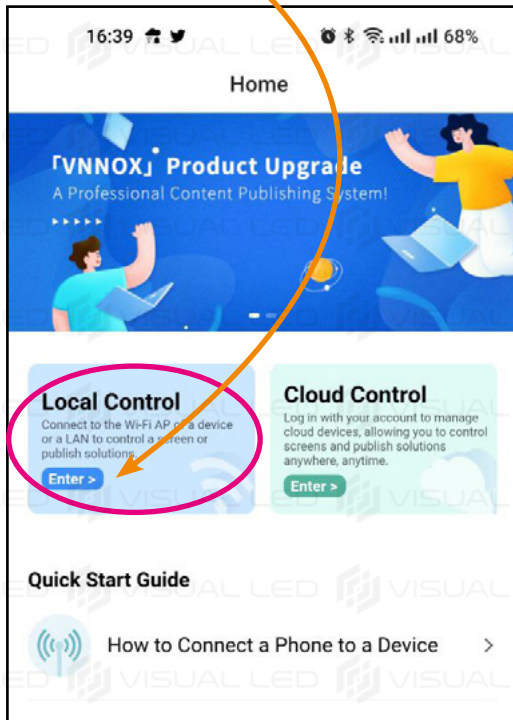
THE CONTENT PLAYER WILL NOW CONNECT TO YOUR WI-FI NETWORK AND ITS OWN WI-FI ACCESS POINT WILL BE DISABLED. YOU CAN NOW CONNECT YOUR MOBILE DEVICE TO THE SAME WI-FI NETWORK TO KEEP USING THE APP.

STEP 5: BINDING THE DISPLAY TO VNNOX

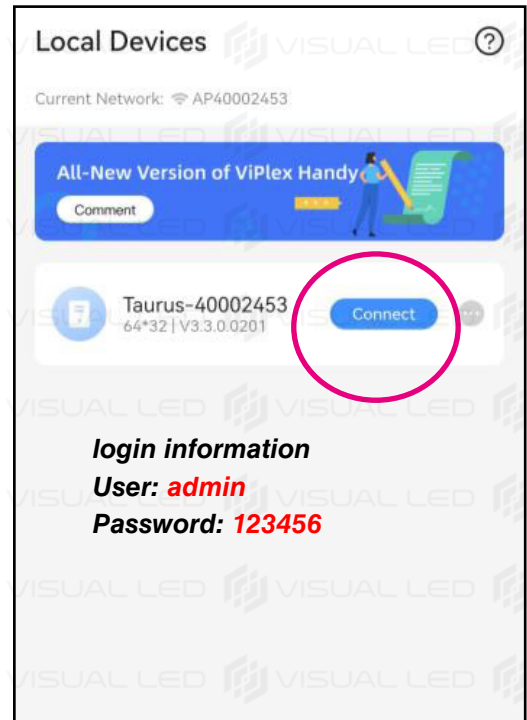
OPTIONAL STEP TO MANAGE CONTENT FROM YOUR WEB BROWSER (REQUIRES INTERNET CONNECTION ON THE PLAYER AS DESCRIBED ON STEP 4)



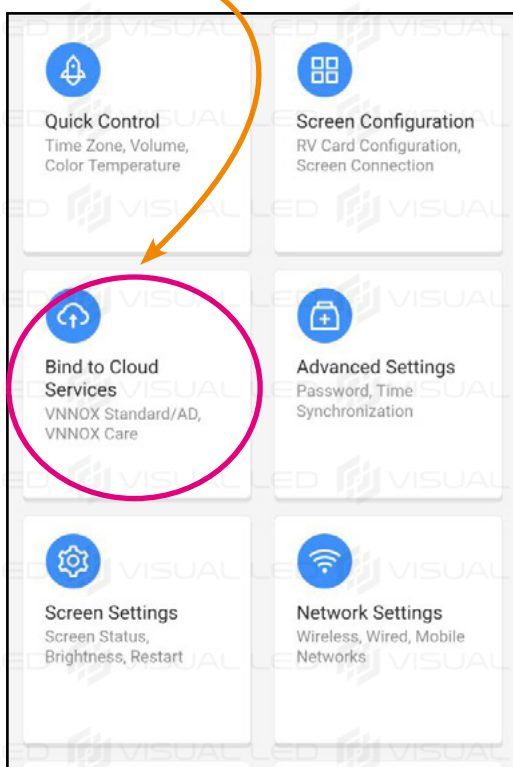
1. Start the APP and select "LOCAL CONTROL".



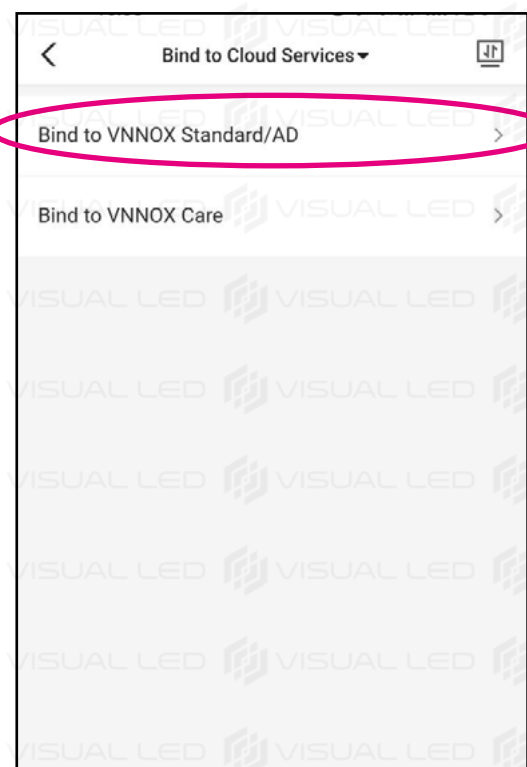
2. Connect to the player by entering the default username and password.



3. Tap on "BIND TO CLOUD SERVICES"



4. Select "BIND TO VNNOX STANDARD"



5. Select **“SERVER”** and choose the server from **“EUROPE”**.

Bind to VNNOX Standard/AD

Quickly Bind to VNNOX Standard/AD

1 Enter Authentication Info 2 Create a Player

Server China >

Authentication User Name Please enter

Authentication Password Please enter

Next

6. Insert your **VNNOX** username and password (as on the STEP 1 of this manual)

16:39

Bind to VNNOX Standard/AD

Quickly Bind to VNNOX Standard/AD

1 Enter Authentication Info 2 Create a Player

Server Europe >

Authentication User Name pantallasVLED

Authentication Password

Next

7. Insert a name for your player or leave the default name

16:40

Bind to VNNOX Standard/AD

Quickly Bind to VNNOX Standard/AD

✓ 1 Enter Authentication Info 2 Create a Player

Player Name Virtual-device1

Done

Back

8. Tap on **“DONE”**

16:40

Bind to VNNOX Standard/AD

Quickly Bind to VNNOX Standard/AD

✓ 1 Enter Authentication Info 2 Create a Player

Player Name reproductor1

Done

Back