

PISIGNAGE BASIC SETUP DOCUMENT

TABLE OF CONTENTS

1) PiSignage Image	3
Download Instructions	3
Unzip the file	3
Burn the Image	3
For Linux User	3
For windows User	3
For Mac User	3

2) Network Configuration:	5
LAN Configure	5
GUI based	5
Key-board based	6
Wi-Fi Config	7
GUI based	7
Keyboard based	8
Config Server	
Media Server	10
3) Assigning name to pi-player	11
4) Deploy content	12

1) PiSignage Image

You can either download Disengage prebuilt image or create your own image on top of raspbian SD card. We recommend using PiSignage prebuilt Image

Download Instructions

Visit <u>https://github.com/ariemtech/piSignage</u> and Download the image by clicking "download" link



https://dl.dropboxusercontent.com/u/166564018/pisignagepro.img.zip

Unzip the file

File unzip will fail if the image is partially downloaded.

Burn the Image

For Linux User

Burn the image (.img file) on SD card using "Image-Writer" software.

For windows User

Burn the image (.img file) on SD card using "windisk-32 images" software.

For Mac User

Burn the image (.img file) on SD card using "<u>Apple Pi Baker</u>" software. *We recommend using Minimum of 8GB class 10, micro SD-card.* Here are screenshots of image writer on Linux.

3

ImageV	Vriter		🗱 🤀 🖾 📬 🜒) 11:56 AM 🗜 ariem 🔱
	Devices	· 🙆 Home Documents	← → Q Search
0	🖾 Mypart 🛛 📥		
	🔋 7.9 GB Filesy		
	🔋 134 MB Files	Untitled 1.odt	
0	Computer		
0.45	🚵 Home		
	Desktop		
	Documents		
	Downloads		
	Music	imagewriter	
and i	Pictures	ubuntu	
	Uideos		
SI	File System		
	Trash	Write Image: Di-105 img	
	Network		
	Browse Net	N4.	
1000			
		▶ Details	
=		Close 🖉 Write to device	
1			
-			
_			

Remove the card safely and insert it in raspberry pi. *Automatic file expansion will take place to utilize maximum space on the SD card. The same image will work for 4GB,8GB...32GB SD cards.* After file system expansion, pi will reboot again and shows welcome screen is shown as below.

	١	Welcome!	
P	ayer ID: 000	0-0000-93	47-fc97
٦ Connect H	Register and Ma o manage locally fron Keyboard and press "C	anage your player at pisign n Browser, use http://192.1 Ctrl+n" OR "F6" key to conf	nage.com L68.1.146:8000 igure the device/network
Eth Link: UP	DNS: OK	PING: OK	DHCP: 192.168.1.1

Note down the Player ID: 0000-0000-9347-fc97 and IP address 192.168.1.146:8000. Valid IP address is shown if network is already working.

2) Network Configuration:

By default the LAN is configured in DHCP mode. To change LAN configuration or to configure WiFi, connect USB keyboard to pi-player and press 'Ctrl+n' of 'F6' key to run the network-config utility in terminal

LAN Configure

GUI based

Select settings and click static button, enter your details and press Save& Reboot

	τν	Playing: Myplaylist playing since 6:36:15		STOP
	Storage: 153M free		943	د used
	[iiii] Playli	ists	Assets	
	Repo	Ints	Settings	
.146:8000/#/settin	gs			
1.146:8000/#/settin	gs			
1.146:8000/#/settin	gs			
.146:8000/#/settin	gs General Settings			version: 1.1.3
1.146:8000/#/settin	gs General Settings Player Name			version: 1.1.3
1.146:8000/#/settin	gs General Settings Player Name Optional Note			version: 1.1.3
.1.146:8000/#/settin	gs General Settings Player Name Dptional Note			version: 1.1.3
-1.146:8000/#/settin	gs General Settings Player Name Optional Note			version: 1.1.3 Save Name
.1.146:8000/#/settin	gs General Settings Player Name Optional Note			version: 1.1.3 Save Name
1.146:8000/#/settin	95 General Settings Player Name Optional Note Network Settings P DHCP Static			version: 1.1.3 Save Name
-1.146:8000/#/settin	gs General Settings Player Name Optional Note Network Settings P DHCP Static P Address			version: 1.1.3
1.146:8000/#/settin	gs General Settings Player Name Dptional Note DHCP Static P Address 192.168.1.142			version: 1.1.3 Save Name
1.146:8000/#/settin	gs General Settings Player Name Dptional Note Network Settings P DHCP Static P Address 192.168.1.142 Vetmask 295.255.2			version: 1.1.3
1.146:8000/#/settin	95 Ceneral Settings Player Name Optional Note DHCP Static P Address 192.168.1.142 Vetmask 255.255.255.0 Gateway			version: 1.1.3 Save Name
1.146:8000/#/settin	95 Ceneral Settings Player Name Dytional Note Dytional Note DHCP Static P Address 192.168.142 Vetmask 255.255.255.0 Gateway 192.168.1			version: 1.1.3
1.146:8000/#/settin	gs Ceneral Settings Player Name Dptional Note DHCP Static P Address 192.168.1.142 Vetmask 255.255.0 Gateway 192.168.1.4			version: 1.1.3 Save Name
1.146:8000/#/settin	gs Ceneral Settings Player Name Dptional Note DHCP Static P Address 192168.1142 Vetmask 255.255.255.0 Sateway 192.168.1			version: 1.1.3 Save Name

Key-board based

Connect keyboard, Press 'Ctrl+n' of 'F6' key and select LAN config option

ariem@ariem-desktop: ~/piSignagePro	ж	ariem@ariem-desktop: ~/piSignagePro	×
Rasp	berry Pi Network Configuration	Tool (raspi-network-config)	
1 LAN Config	Configure Ethernet LAN		
2 WiFi Config	Qonfigure Wifi		
3 Config Server 4 Media Server	Confugure Servername o Confugure Media Server	r IP if different(do it after Config Server)	
	-	· · · · · · · · · · · · · · · · · · ·	
<\$	elect>	<finish></finish>	

Select your option between DHCP and static IP configuration and enter the required values. If you are using wifi, configure the SSID and wifi password

ariem@ariem-desktop: ~/piSignagePro	×	ariem@ariem-desktop: ~/piSignagePro	×
	Raspberry Pi Network Configur Al DHCP Set UP I S ² Static IP Configur	ration Tool (network-config)	
	<select></select>	<back></back>	

Wi-Fi Config

GUI based

Once you have configured LAN successfully, you can further configure the pi-player using local browser url http://your-pi-ipaddress:8000

TV	Playing: Myplaylist playingsince 6:36:15	STOP
Storage: 153M free		94% used
	Playlists	Assets
	Reports	Settines
/#/settings		
/#/settings		
/#/settings General Settings		version: 1.1.0/1.2.1 O(1.1.2)
/#/settings General Settings Player Name		version: 1.1.0/1.2.1 Q(1.1.2)
/#/settings General Settings Player Name Optional Note		version: 1.1.0/1.2.1 0(1.1.2)
1/#/settings General Settings Player Name Optional Note		version: 1.1.0/1.2.1 •(1.1.2)
)/#/settings General Settings Player Name Optional Note Network Settings	γ	version: 1.1.0/1.2.1 @(1.1.2)
0/#/settings General Settings Player Name Optional Note Network Settings DHCP Static	γ	version: 1.1.0/1.2.1 (0(1.1.2))

Enter your Wi-Fi name and password in Wi-Fi settings and click "Save and Reboot"

	Save & Reboot
Hide Advanced Settings	
WiFi Settings 🔊	
Network Name (SSID) your wifi name	
Password	
	Savy& Reboot
Display 🗙	
Disable OverScan overscan_left 40 overscan_right 40	
overscan_top 20 overscan_bottom 20	

Connect your Wi-Fi dongle.

Keyboard based Wi-Fi configuration

Once pi boots to welcome screen plug your keyboard and press "F6" or "Ctrl+n". The pi displays network configuration screen as shown below. Using arrow keys select wifi configure

Ň	
Raspberry Pl LAN Config 2 WiFi Config 3 Config Server 4 Media Server	Network Configuration Tool (raspi-network-config) Configure Ethernet LAN Configure Wifi Confugure Sververname or IP Confugure Media Server if different(do it after Config Server)
<select></select>	<finish></finish>

Enter wifi Name		
ß		
<0k> <canc< th=""><th>21></th><th></th></canc<>	21>	

And press OK, Next enter the password

Enter wifi Password	Enter wifi Password			
↓ <ok> <cancel></cancel></ok>	↓ <0k> <cancel></cancel>	Enter wifi Password		
↓ <ok> <cancel></cancel></ok>	↓ <ok> <cancel></cancel></ok>			
<ok> <cancel></cancel></ok>	<ok> <cancel></cancel></ok>	¢		
		<0k>	<cancel></cancel>	

Press 'OK', Later press Finish in order to save your new settings

Raspberry	Pi Network Configuration Tool (raspi-network-config)
1 LAN Config	Configure Ethernet LAN
3 Config Server	Confugure Servername or IP
4 Media Server	Confugure Media Server if different(do it after Config Server)
<pre><select></select></pre>	< PLOTS ID
	>

Press **Ok** when system has to reboot.

Reboot System	
<mark><065</mark> 25	

Connect your Wi-Fi dongle

Config Server

Do not modify any entries in this section

Media Server

Do not modify any entries in this section

3) Assigning name to pi-player

Open your browser url http://your-pi-ipaddress:8000 and select Settings Hostname(player name) change can be done through keyword config too.

HOME	TV	Playing: Myplaylist playing since 6:36:15	STOP
	Storage: 153M free		94% used
	Playl	ists	Assets
	Repo	rts	Settings
192.168.1.146:8000/#/setting	IS		

Enter the your players new name and optional message and press Save Name

General Settings version: 1.1	.3/
Player Name	
Myplayer	
Optional Note	
home	
Save Nam	e
Network Settings ¥	
DHCP Static	
IP Address : 192.168.1.146	
Save & Reboo	
Show Advanced Settings	

4) Deploy content

Now you are ready to start deploying content from following urls

- 1. PiSignage cloud server <u>http://www.pisignage.com</u>
- 2. Locally using http://your-pi-ipaddress:8000
- 3. From your local server url, if you have deployed internal server.

Refer Deployment guide for more details.