Touch Screen Digital Signage

(Network)

User Manual



Manual Version: AOEF-DS (8350)

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1. Installing Digital Signage App

If your screen already has the Digital Signage app installed please go to the next section (2. Getting Your Screen Online) otherwise please take the following steps.

1. Download the installation file by clicking the following link:

CLICK HERE to Download Firmware for Wall-mounted and Freestanding Screen

- 2. Please extract the zip file and copy the installation file (Droid.apk) on to an empty USB stick*.
 - * The USB stick needs to be formatted on a Windows PC in FAT32 format
- 3. Turn on the screen from the mains.
- 4. Plug the USB stick containing the APK file in one of the following USB ports on the unit:



5. Select the 'Apps' icon on the bottom of the screen then select the 'File Manager' app:



6. To disable the Navigation Bar, navigate into "Settings" and then into "Developer Options" at the bottom. From here, you can select "Hide Navigation Bar".

	a
Developer options	
On	
Take bug report	
Desktop backup pssword Desktop full backups aren't currently protected	
Stay swake Screen will never sleep while charging	•
Hide Navigation Bar Hide/Show Navigation Bat, Please reboot device to take effect	
HDCP checking Use HDCP checking for DBM content only	
Enable Bluetooth HCI snoop log Capture all Bluetooth HCI packets in a file	(3
OEM unlocking Allow the bootloader to be unlocked	©2.
Process Stats Geeky stats about running processes	
Debugging	
USB debugging Debug mode when USB is connected	
Bug report shortcut Show a button in the power menu for taking a bug report.	©⊅
Allow mock locations	(8
Enable view attribute inspection	() A
Select debug app	

7. In order to rotate the display, navigate into "Settings" and then "Display Orientation". From here you can change the orientation of the Main display, and the Secondary Display.

External Display Rotation and display portrait on main display portrait on main display portrait on main display portrait on main display portrait on second display	A
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8. Select the USB drive from the left side menu then the 'Droid.apk' from the right side menu:

FileManager										(⑦ ←
sdcard	5	+		۲	\otimes	7	1	đ	X	2	Ĩ
+ usbdisk2											
	System Volume Information						017-08-21 09:12				
and the second second		Droid.apk							017-08-05 09:22		27.28MB

9. Select 'Install':



10. Once installed, select 'Open':



11. The app will now open and go to the blue home screen. Please tap on the setup button on the control panel.



12. Go to 'System Control' and change the 'Machine Number' value from '00000001' to the actual serial number of the screen. You can find it on the back of the unit or on the packaging box, it should be in a format of 'Axxxxxx'. Tap 'Back' and confirm the system prompt to save.

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4	5	6	
7	8	9	
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2. Getting Your Screen Online

Once the Digital Signage app is installed on your screen the next step is to connect your screen to the internet so that it can communicate with the CMS server.

- 1. Power your screen on from the mains if it is not already on.
- 2. Allow the screen to complete its boot up procedure and begin playing content. Double tap on the top-left corner then double tap on the bottom-left corner to access the control panel.



3. Then touch "Stop" to go to the blue Home screen then "Exit".



Connecting Using an Ethernet Cable (LAN)

1. To connect your screen via LAN, simply insert your Ethernet cable into the LAN port of the screen:



2. You can then re-launch the Digital Signage app from the apps list.

Connecting Using Wi-Fi

If you want to connect via Wi-Fi you must begin by attaching the Wi-Fi aerial included with your screen then take the following steps:

1. Go to the Android home page and select the 'Apps' icon on the bottom of the screen:



Settings		R.				
Wirele	ss & networks	Ħij				
•	Wi-Fi	*	Bluetooth			
	Ethernet	0	Data usage			
	More					
Device						
Ð	Display		Sound & notification			
=	Storage		Apps			
+	Users		Display Setting			
\$	- Intel Smart Video		Dual Display			
	Display Orientation					
Perso	nal					
8	Security	8	Accounts			
۲	Language & input	٥	Backup & reset			
System						
0	Date & time	•	Printing			
{}	Developer options	ő	Power Off			

2. Go into 'Settings' then tap on the first option, 'Wi-Fi':

3. Make sure that the Wi-Fi is turned on the select the name of your Wi-Fi network:

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***	On		
	GfficeAP	331111	
	👻 test		



4. Enter your Wi-Fi password using the on-screen keyboard then select "Connect":

5. Exit out of this section and go back to the apps list then re-launch the Digital Signage app.

3. Menus

3.1 Home Screen

Once your screen has powered on and completed its boot up procedure it will begin to play content. Double tap on the top-left corner then double tap on the bottom-left corner to access the control panel.



Then touch "Stop" to go to the blue Home screen.

Play	Stop
	Hide



3.2 System Menu Operation

From the Home Screen you can bring up the Main Menu by pressing the "SETUP" button on the control panel. The Main Menu includes following sub-menus: System Settings, System Control, Network Settings and Exit.



3.3 System Settings

The sub-menus within this section are: Display Language, Screen Mode, Play Log, Touch Operation Tools, Restore to Factory Settings and Auto Start.

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					00000011010101010
	-				000000011010101010
0011011010 13 5 5 5 10	System Setting	System Setting	g 🥠	11111	PROPOSITIONE AT O
	System Control	Display Language	English 📀		11220412
	Network Setting	Screen Mode	0° 🧿		010110
0	🔁 Exit	Play Log	\bigcirc		0212130
DIGINL S		Touch Operation Tools		63	010101000
		Restore to Factory Settings	0		101021104
10011011010111110101		Auto Start			1010101
1010011011					
		* *			
0110					
				ALC: NO	
110110101111010101010101					
	00110110101				

3.3.1 Display Language

The On Screen Display supports English and Chinese, the default being English.



3.3.2 Screen Mode

Here you can set the screens orientation so as the OSD and content display correctly. There are 4 options as pictured below:

- 0° Landscape orientation.
- 90° Portrait orientation.
- 180° Landscape orientation.
- 270° Portrait orientation.

0011011010	System Setting	Back	Screen Mode		A STATE OF S	
	System Control	● 0°				011225412
	Setting Exit	90°				0212130
DIGITIL S		180°		6	1	¹⁰¹⁰¹ 01002Hr.
		270°		(101021101
1010011011		T+ 🕊	~ ////	//////		× ****0101
0110					MILES	

3.3.3 Restore to Factory Settings

Select "YES" to restore factory settings; this will restore all options in the "System Settings" section back to default.

3.3.4 Auto Start

This feature allows your screen to start playing the pre-loaded content as soon as it has finished booting up. If you want to enable this feature (recommended) please ensure this is turned on (blue).

3.4 System Control

The sub-menus within this section are: Work Mode, Content Storage and Machine Number

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	System Setting		System Control	1000333302110101010101 Fishee
0011011010 13 13 65 67 0	System Control	Work Mode	NETWORK 📀	2011225412
	Network Setting	Content Storage	Internal Memory 义	1010101010110
	🔁 Exit	Machine Number	A7190137 义	0212130
Chinikir a		Machine ID	00000001	210101000
		Machine Name	A050E_showroom	CONTRACTO 1021101
1001101101011110101				× 101010101
1010011011		7+ 		.01
0110				
11011010111101010101101	00110110101	1110		

3.4.1 Work Mode

This feature allows you set the update method for your screen. It should be set to "NETWORK".

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0011011010	System Setting	Back	work Mode		11225412
	Network Setting	SINGLE			010110
DIGITAL S	Exit	• NETWORK			100212130
					2100-00210100.
10011011010111110101					
1010011011		T+ 🗢	~		× ***101
0110					
				MAC 1	
110110101111010101101	0011011010	11110			

3.4.2 Content Storage

This should be set to "Internal Memory".



3.4.3 Machine Number

This should already be set to the Serial Number of the screen. If it is not please enter the first 8 digits of your screen's serial number, select "Back" and then "Exit".



3.5 Network Settings

	Contem Catting	Natwork S	Setting		00033330211010101010
0011011010	System Control	Server configuration	2		2011225412
	Network Setting	IP information display	4701		0212130
		UDP Port MAC Address	4700 24:1C:04:08:FA:CD		10101021010210
1001101101011110101					× 300001010101010101010101010101010101010
0110	104			Mar	
110110101111010101101		111107501		no.	

3.5.1 Server Configuration

This section contains the information that allows the screen to communicate with the server. All settings within this section will be pre-set before you receive your goods. Please do not change any of these settings unless you have adequate technical support. The settings should be set as follows:



3.5.2 IP Information Display

When this option is activated your screen's IP address will display on the Home screen.

3.6 Exit

Highlighting and selecting this section will exit the Main Menu. If you have made any changes the system will ask to if you want to reboot the screen so that the changes can take effect, select "YES".

3.7 Android

In order to adjust certain settings that are not in the app, you must exit to the Android home screen using the "Exit" button on the control panel.





3.7.1 Settings

Navigate into "Settings" either by the "Settings" icon on the Android home screen, or if that isn't there, by opening the App Drawer (the 6 dots in a circle) and selecting it through there.

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	APPS	WIDGETS								
	Browser	- × + = Calculator	Calendar	Carmera	Clock	Digital Signag.	Downloads	FileManager		
	Gallery		MultiCamera	Music	Screenshot Ea	Settings	SilentInstaller	S Terminal Emul.		
	Timer									

۵				🔝 💎 🖹 10:12
	Settings			۹
	Wireless & networks			
	 Wi-Fi 	*	Bluetooth	
	Ethernet	0	Data usage	
	··· More			
	Device			
	✿ Home	0	Display	
	Sound & notification		Storage	
	Apps	+	Users	
	Display Setting	٠	Intel Smart Video	
	Dual Display		Display Orientation	
	Personal			
	Security		Accounts	
	Language & input	•	Backup & reset	
	System			
	O Date & time	ø	Printing	
	() Developer options	ő	Power Off	

3.7.2 Wi-Fi

Select "Wi-Fi" in the settings to open to Wi-Fi page, and touch the slider to turn the Wi-Fi on (blue).

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÷	Wi-Fi		٩	
	off	•		
	To see available networks, turn WHFion.			

3.7.3 Date & Time

You can change the Date and Time of the screen through the "Date & Time" settings page. MORE INFO ON CORRECT UK SETTINGS

۵		🔊 🖹 10:13
÷	Date & time	۹
	Automatic date & time Use network-provided time	•
	Automatic time zone Use network-provided time zone	
	Set date 4 April 2018	
	Set time 10:13	
	Select time zone GMT+01.00 British Summer Time	
	Use 24-hour format 13:00	•

3.7.4 Language and Input

You can change the language of the screen by navigating into the "Language and Input" section of the Settings.

Language & input	
Language Englishi (United Kingdom)	
Spell checker Android Spell Checker (ADSP)	
Personal dictionary	
Keyboard & input methods	
Current Keyboard Englishi (UK) - Android Keyboard (AOSP)	
Android Kayboard (AOSP) English (UK)	
Physical keyboard	
Dell Dell Universal Receiver Dirfault	
glads-tr Default	
Spech	
Text-to-speech output	
Mouse/track pad	
Pointer speed	

IMPORTANT: Please ensure that the language is set to "English (UK)" to ensure correct operation of the Digital Signage application.