Firmware User Manual

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6. Appendix: FAQ

1. Introduction

This document describes the basic operation of the player and frequently asked questions.

1.1. Features

- Support for HTML5 widgets for dynamic content (W3C Widgets standard)
- Industry leading W3C SMIL support for developers
- Full HD 1080p or UHD 4K video (XMP-7300) hardware decoding of MPEG1/2/4, H.264, and VC-1 media formats
- Multiple 3rd party software solution compatibility

2. Configuring the Player

2.1. System connections

If it is a media player, connect it to a monitor via an HDMI cable or VGA cable(if applicable).

If it is a signboard (with built-in screen), no monitor is required. However, a signboard player can still be connected to a monitor via HDMI for larger display area.

When using an **HDMI connection**, audio is sent along with video over the HDMI cable, so no additional cables are required.

1 Attach the AC power adapter to power on the unit. After approximately 15 *seconds*, the booting animation will be displayed on screen as shown below :



2 The boot-up process takes approximately 40 *seconds* to complete.

Troubleshooting Tips for media players

The operation indicators light up, but no video is displayed on screen

- Ensure that your video cable (HDMI/VGA) is securely connected. When using an HDMI connection, choose high quality, certified HDMI cables or try using shorter length cables
- Check if your monitor is turned on and the correct video input source is selected

Ouring Jologback, hold here 10s to EAT			During playback, hold here 10s to EM
	Basic settings	Advanced	
	EnglishEspañol Português 日本語 常	简体中文 Deutsch Français Nederlands	
	Ethernet Connected IP 192.168.1.70		
	Wireless LAN Disabled		
	Thursday, August 20, 2015, Eastern Daylight Time (GMT-4:00)	, 2:30 AM	
	Content		
	Set content	Play	
During playback, hold here: Tos to 2017			

After boot-up completes, player will stay in Basic settings menu if no content service has been configured (i.e. first boot-up for brand new unit or after a factory reset). If you have already set content into the player, contents will play back automatically after 15 seconds after boot-up.

2.2. Basic settings

You must attach a USB mouse to the player to configure settings. If the player has **touch screen**, then the USB mouse is not required, and all the click action can be replaced by tap action.

During playback, hold			During piayback, hald
	Basic settings	Advanced	here 10s to B47
	English Español Português 日本語 简体中文 Deutsch Fr	ançais Nederlands	
	Ethernet Connected IP 192.168.1.70		
	Wireless LAN Disabled		
	Thursday, August 20, 2015, 2:30 AM Eastern Dayight Time (GMT-4:00)		
	Set content PI	ay	
			During playback, hold here 10s to EMT

Basic settings:

– Network, Time zone and Content.

Each time the Basic settings menu is entered, playback will automatically begin after 15 seconds if content services have been previously set. Auto playback can be canceled by clicking on the button before the countdown ends.

User is able to enter Advanced Settings by clicking the Advanced button.

To enter the menu system at any time **during playback**, plug in a USB mouse and hold the left mouse key in the <u>corner area as shown below for 10 seconds</u>. If the player has touch screen, then tapping and holding in the corner areas for 10 seconds would also bring you to the menu.



*Player will ask for password if password has been configured.

2.3. Connect the player to your network

Wireless connection

1 Click the **Wireless LAN** setting to launch the wireless configuration UI.

Basic set	tings añol Português	5 日本語	Advanced 简体中文	
Network				
Ethernet Disconnected				
Wireless LAN Disabled				
Time zone				
Tuesday, Marc Eastern Standard Time		25 AM		
Content				
Set cont	ent	F	Play	

2 Click the **ON/OFF** button as indicated below to turn ON Wireless interface (network).

N				12 8	3:03
≡	Wi-Fi			۵	:
	Off		•		
		To see available networks, turn Wi-Fi on.			

3 The player will scan for wireless signals nearby and available access points will be listed.

N				N.	3:46
≡	Wi-Fi			٠	:
		On	•		
		▼.	DIRECT-17-HP DeskJet 3700 series		
		•	dlink		
		▼.	IAdea AP		
		▼.	IADEA-COLE		
		▼.	Q10-11		
		•	Q13		
		▼.	Q4-6		
		▼.	Q7-9		
		▼.	SCP2		
		▼.	34835213		
		▼.	DSL-6740C		

4 Click on the network ID to connect. If the network requires authentication, you will be asked to provide a password.

17 N						12 2	4:08
	Vi-Fi					¢	
	•	DIRECT-17-HP DeskJet 3	700 series				
	•	dlink					
	•	IAdea AP	Q10-11 Password				
	•	IADEA-COLE					
	•	Q10-11	Show password				
	•	Q13	Advanced options		~		
	•	Q4-6			CANCEL CONNECT		
	₹.	Q7-9					
	•	SCP2					
	•	TAROKO					
	•	TAROKO-I					
			\triangleleft	0			

Static IP – manually assign network IP address

 Click down arrow to hide keyboard if needed. You can also scroll down/ swipe to see the rest of the menu.

IRECT-17-HP DeskJet 3	3700 series		
llink			
Adea AP	Q10-11 Password		
ADEA-COLE	<u> </u>		
210-11	Show password		
213	Advanced options	~	
24-6	CANCEL	CONNECT	
27-9			

2 Under IP settings, change DHCP to Static.

N							12 2	4:11
=								:
	₹.	34835213	Q13					
	₹.	DIRECT-17-HP DeskJet 3	Password					
	•	dlink						
	₹.	IAdea AP	Show password Advanced options		^			
	▼.	IADEA-COLE	Proxy					
	₹.	Q10-11	None IP settings		Ŧ			
	₹.	Q13	DHCP		-			
	₹.	Q4-6	Static		NECT			
	₹.	Q7-9	_		_			
	•	SCP2						
	₹.	TAROKO						
			\bigtriangledown	0				

3 Fill the form and click Connect to complete the setting. (Scroll down/ swipe to see the rest of the menu if needed)

N				🖹 🖥 4:11
=			Q13 U Show password	
			Advanced options	
	▼.	DIRECT-17-HP DeskJet 3	Proxy None	
	•	dlink	IP settings	
		IAdea AP	Static -	
	▼.	IADEA-COLE	IP address 192.168.1.128	
	•	Q10-11	Gateway 192.168.1.1	
	•	Q13	Network prefix length	
	•	Q4-6	24 DNS 1	
	▼.	Q7-9	8.8.8	
	▼.	SCP2	DNS2 8.8.4.4	
	•	TAROKO		
	▼.	TAROKO-I	CANCEL CONNECT	
			⊲ O □	

Wired connection

To use the wired Ethernet connection, connect an Ethernet cable. Ethernet connection takes higher priority.

DHCP - automatically assign network IP address

1 If using DHCP, no further action is required.

N					↔ 眞 畠 4:15
≡	Ethe	net			
		Modify network			
		Status Connected			
		Security None			
		IP settings DHCP			
		Proxy None			
		MAC address eadf.04:d1:6d:c1			
		IP address fei0c:sRdf:4ff:fed1:6dc1 192.168.1.243			
			⊲	0	

Static IP - manually assign network IP address

1 Click **Modify network** to configure static IP address.

N	N				
≡ Ethe	rnet				
	Modify network				
	Status Connected				
	Security None				
	IP settings DHCP				

2 Under IP settings, change DHCP to Static.

Modify network		
Status Connected		
Security	Ethernet Security	
None	None	Ŧ
IP settings DHCP	Advanced options	^
Proxy	Proxy None	÷
MAC address	IP settings	
82:b9:4d:1c:d5:7c	DHCP	*
IP address fe80::80b9:4dff:fe1c:d57c 192:168.1.127	Static	SAVE

3 Fill the form and click Connect to complete the setting. (Scroll down/ swipe to see the rest of the menu if needed)

N						<>> 🖹 🦻 3:12
		Ethernet				
	Modify network	Security None				
	Status Connected	Advanced options			^	
	Security None	Proxy None			-	
	IP settings	IP settings Static				
	Proxy	IP address				
	None	192.168.1.128 Gateway			-	
	MAC address 82:b9:4d:1c:d5:7c	192.168.1.1			_	
	IP address fe80::80b9:4dff:fe1c:d57c 192.168.1.127	Network prefix length			_	
		DNS 1 8.8.8.8				
		DNS 2				
				CANCEL S	AVE	
		\bigtriangledown	0			

Global Proxy

- **1** In Basic settings, click the **Advanced** button, advanced configuration menu will be launched.
- 2 Click Network, and then click Global Proxy.

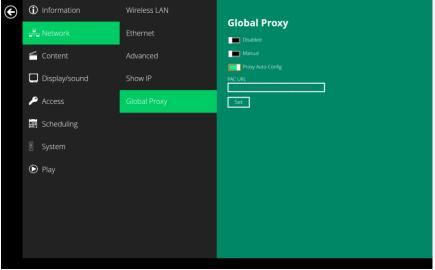
€	() Information	Wireless LAN	
	- Network	Ethernet	
	🥌 Content	Advanced	Manual Proxy Auto-Config
	Display/sound	Show IP	Set
	🔎 Access	Global Proxy	
	E Scheduling		
	🗄 System		
	Play		

Click Manual, proxy setting menu will be launched, For "Proxy hostname" box, you can enter both hostnames like "proxy.example.com" and IP addresses like "192.168.1.100" here. Enter the port the proxy requires in the "Proxy port" box.

If you want to have bypass the proxy for any addresses, enter them in the "**Bypass proxy for**" box, separated by commas. For example, if you want to access proxy.com and 192.168.1.80 directly without using the proxy, you'd enter the following text in the box: "proxy.com ,192.168.1.80", then click **Done** to finish.

€	Information	Wireless LAN	
)	P. Martineza	Eth unsuch	Global Proxy
	📲 Network	Ethernet	Disabled
	🖆 Content	Advanced	Manual
	Display/sound	Show IP	Proxy Auto Config Proxy hostname proxy and any action
	🔎 Access	Global Proxy	Proxy port
	📰 Scheduling		Bypass proxy for
	🕆 System		Set
	🕑 Play		

4 Click **Proxy Auto-Config**, input the URL of PAC and it will go directly to the destination or are forwarded to a web proxy server.



Show IP settings

- **1** In Basic settings, click the Advanced button, advanced configuration menu will be launched.
- 2 Click Network, and then click Show IP.

¢	 Information 	Wireless LAN	
	us Network	Ethernet	
	🗂 Content	Advanced	
	Display/sound	Show IP	
	🔎 Access	Global Proxy	
	E Scheduling		
	🗄 System		
	Play		

3 This feature is to control whether the IP address being displayed in Basic settings menu. This is default enabled. When disabled, Basic settings will display "connected" instead of IP address.

€	 Information 	Wireless LAN	
)	ුම් Network	Ethernet	Show IP Display IP Information in Basic Settings page.
	🗂 Content	Advanced	Set
	Display/sound	Show IP	
	🔎 Access	Global Proxy	
	E Scheduling		
	🗄 System		
	Play		

Reserved Features

The features listed under **Network > Advanced** are defined as reserved functions and currently not working.

Please contact support@iadea.com if you have any question

■ N +	eless & networks Airplane mode
	Tethering & portable hotspot
	VPN Cellular networks
	Mobile plan Network settings reset
	retwork settings reset

2.4. Time zone settings

1 Click **Time zone**.

Basic settings English Español Português	 Advanced 日本語 简体中文 	
Network		
Ethernet Disconnected		
Wireless LAN Disabled		
Time zone		
Tuesday, March 3, 2015, 2:25 A Eastern Standard Time (GMT-5:00)	λM	
Content		
Set content	Play	



N				⇔≋₽
≡ Date & time				
Automatic date & time Use network-provided time				
Automatic time zone Use network-provided time zone				
Set date December 6, 2018				
Set time 4:20 AM				
Select time zone GMT-05:00				
Use 24-hour format 1:00 PM				
	\triangleleft	0		

3 Choose the correct time zone from the available options.

N					⇔ 🖹 🖥 4:20
	Select time zone				
	Denver GMT-07:00				
	Costa Rica GMT-06:00				
	Chicago GMT-06:00				
	Mexico City GMT-06:00				
	Regina GMT-06:00				
	Bogota GMT-05:00				
	New York GMT-05:00				
	Caracas GMT-04:00				
	Barbados GMT-04:00				
	Halifax GMT-04:00				
		\bigtriangledown	0		

2.5. Content settings

1 Click the **Set content** button.

Basic settings Español Portug	uês 日本語 🏠	 Advanced 奇体中文
Network		
Ethernet Disconnected		
Wireless LAN Disabled		
Time zone		
Tuesday, March 3, 2015, 2 Eastern Standard Time (GMT-5:00)	2:25 AM	
Content		
Set content	Play	

2 Input the SMIL/HTML5 content URL and click Set. It will return to Basic Settings automatically.

SMIL/HTML5 content URL: http://YourServerUrl/index.smil
Set
۰ ا

3 The player will check the availability of **SMIL/HTML5 content URL**, with the **Play** button showing **Checking...** The checking action can be canceled by clicking **Checking...** button, it will change back to **Play**.

If the SMIL/HTML5 content URL is available, the playback will start after checking the contents.

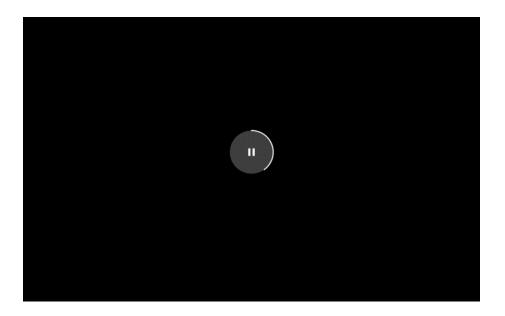
If it keeps showing **Checking...** for a long time, please go back to **Set content** to check the correctness of the URL.

NOTE:

It is highly recommended to let the player check the availability of the content URL. Clicking **Play** button with a bad/invalid URL set would cause the player to reboot, if the **FailSafe** function is not configured.

Basic settin	85 Português	日本語	● Advanced 简体中文	
Network				
Ethernet Disconnected				
Wireless LAN				
Time zone				
Tuesday, March 3, Eastern Standard Time (GMT		M		
Content				
Set content		Checki	ng	

Every time device reboot, the playback will start automatically.
 The playback action can be canceled by clicking the **pause icon**, it will go **Basic Settings** automatically.



2.6. Player Information

User can check the player's basic information including the Health status, Firmware version, Player ID and storage capacity.

1 Click the **Advanced** button, advanced configuration menu will be launched.

Basic settings Español Portuge	C	dvancec
Network		
Ethernet Disconnected		
Wireless LAN Disabled		
Time zone		
Tuesday, March 3, 2015, 2 Eastern Standard Time (GMT-5:00)	2:25 AM	
Content		
Set content	Play	

 Click on Information. The definitions of the Health Status: Green – Normal. The device is connected to the URL server.
 Blue – Local. The device is playing content from the USB drive or SD card.
 Gray – Disconnected. The device is disconnected.

E	 Information 	
	🖧 Network	
	Content	Health status
	Display/sound	Normal
	🔑 Access	
	E Scheduling	
	🖞 System	
	🕑 Play	Storage Internal shared storage 6.2GB / 6.5GB (emulated)

2.7. Content configuration – AppStart

User can assign the URL and APP for execution right after the system starts up.

- 1 Click the **Advanced** button.
- 2 Click on **Content**, and then click on **AppStart**.
- **3** Enter the valid URL of HTML/SMIL in **AppStart**. If you already configured SMIL/HTML5 content URL via "**Set content**", the URL would be showed here.
- **4** The Advanced option is used for 3rd-party App configuration only.

Trust: Switch to **Enabled** to set by-pass authentication verification for REST API calls in HTML application which must launched by AppStart.

Force web application mode: Switch to **Enabled** to disable HTTP status code verification to bypass some cookie related issues. It will ignore "HTTP ERROR STATUS".

Desktop mode: Switch to **Enabled** to force player to load content in Desktop mode instead of Tablet mode. **Please note:** not all the contents is created for Desktop mode, please ask your content provider for details. **Ignore certificate errors:** Switch to **Enabled** to ignore certificate errors to allow visiting Web Pages that do not have valid certificate. It will ignore "UNTRUSTED ERROR". When **Disabled**; if there is a certificate on HTML5 content, it will cause a playback error.

Reload when network is reconnected: Switch to **Enabled** to reload web page as soon as network connection becomes available.

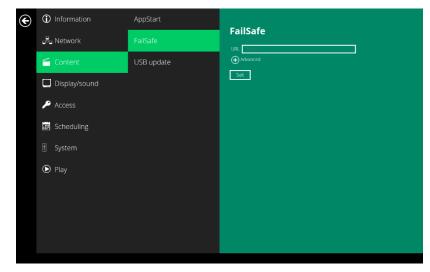
Trigger failover when network is disconnected: Switch to **Enabled** to load failover content when network is disconnected.

AppStart	
URL http://	
⊖ Advanced	
Package name	
Class name	
Action	
Туре	
Additional packages	
-	Trust
-	Force web application mode
-	Desktop mode
	Ignore certificate errors
	Reload when network is reconnected
-	Fail when network is disconnected
	Grant requests for runtime permissions
	Grant requests for USB permissions
Set	

2.8. Content configuration – FailSafe

User can assign the URL and APP for execution while the system has failed to play the assigned content.

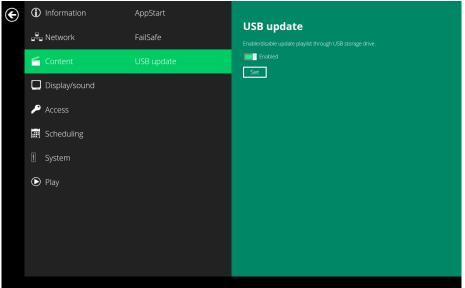
- **1** Click the **Advanced** button, advanced configuration menu will be launched.
- 2 Click on **Content**, and then click on FailSafe.
- **3** Enter the URL of HTML/SMIL in FailSafe.
- **4** The Advanced option is used for 3rd-party App configuration only.



2.9. Content configuration - USB update

User can enable/disable update playlist through USB storage drive.

- **1.** Click the **Advanced** button, advanced configuration menu will be launched.
- 2. Click on **Content**, and then click on **USB update**.
- **3.** Enabled: If there is a SMIL folder in the USB drive inserted to player, player will download the content to internal storage and playback automatically.



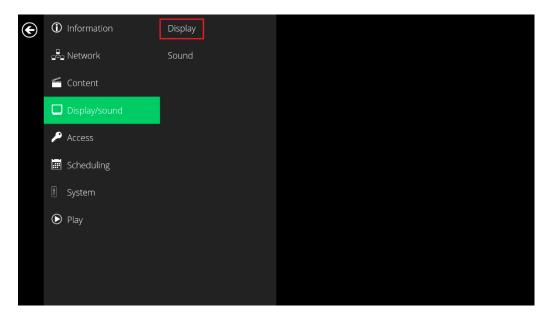
2.10. Display settings

Resolution settings (for media players)

For best quality, set the output resolution to match your display's native resolution to avoid image scaling and blur.

If you are connecting an LCD computer monitor, projector, or plasma display, refer to the device specifications for optimal settings.

- **1** Click the **Advanced** button, advanced configuration menu will be launched.
- 2 Click the **Display/sound** button, and then click on **Display**. The Display Settings page will be launched.



3 Click on **Resolution**, and select suitable resolution from the popup menu. Default configuration is Auto Detect, player will auto detect and use the best optimized resolution that your display supports.

■ N ÷ ≡ Display						18.1
Screen orientation 0-degree						
Resolution Auto Detect]					
	-					
Display					iž 🗑 9:35	
Screen orientation	_	_	_	_	_	
Resolution Auto Detect						
	Resolution					
	 Auto Detect 					
	 HD 720p60 HD 720p50 					
	 Full HD 1080p60 					
	Full HD 1080p50					
			CANCEL			
	۵	0 0				

Panel Brightness level (for signboards)

The default panel brightness is set to maximum, and it can be adjusted in the Display settings.

- **1** Click the **Advanced** button, advanced configuration menu will be launched.
- 2 Click the **Display/sound** button, and then click on **Display**. The Display Settings page will be launched.
- **3** Click on **Brightness level**.

N	ŧ				🖹 🖬 4:59
=	Disp	ay			
		Brightness level			
		Screen orientation AUTO			

4 Drag the white icon marked in red below to adjust the brightness. Click on OK to save the configuration.

Ν	ψ	👿 🖻 5:0
≡	Display	
	Brightness level	
	Screen orientation	

Screen orientation

Screen orientation is to set the display to rotate 90/180/270 degrees.

- **1** Click the **Advanced** button, advanced configuration menu will be launched.
- 2 Click the **Display/sound** button, and then click on **Display**. The Display Settings page will be launched.
- **3** Click on the **Screen orientation** below.

ΝΨ					麗 🖬 5:02
	Brightness level				
	Screen orientation				
		Screen orientation			
		OTUA			
		O 0-degree			
		O 90-degree			
		180-degree			
		 270-degree 			
				CANCEL	
		4	0		

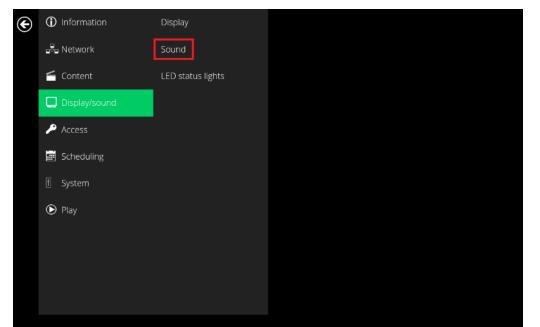
4 Click on the preferred angle from the menu.

N					🖹 📱 5:02
= c					
	Brightness level				
	Screen orientation				
		Screen orientation			
		OTUA			
		O 0-degree			
		O 90-degree			
		180-degree			
		O 270-degree			
				CANCEL	
		\triangleleft	0		

2.11. Sound settings

To control the output sound volumes and touch sounds:

- **1** Click the **Advanced** button, advanced configuration menu will be launched.
- 2 Click the **Display/sound** button, and then click on **Sound**. The Sound Settings page will be launched.



3 Click on **Volumes**, the Volumes settings page will be launched. Drag the blue sliders to adjust the volumes for the selected options, and then click on OK to save the new settings.

N	ψ		🖹 🖥 5:06
≡	Sound		
	Media volume		
	۵ –	•	
	Alarm volume		
	<u>ن</u>	•	
	Notification volume		
	.	•	

2.12. LED Status Lights [for signboards]

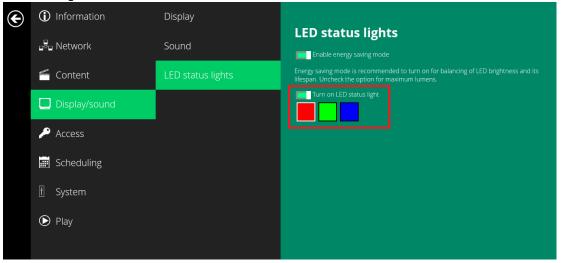
Enable energy saving mode

The brightness of LED lights can be adjusted by enable/disable energy saving mode.

E	() Information	Display	
0	🖧 Network	Sound	LED status lights
	Content	LED status lights	Energy saving mode is recommended to turn on for balancing of LED brightness and its lifespan. Uncheck the option for maximum lumens.
	Display/sound		Turn on LED status light
	🔑 Access		
	📰 Scheduling		
	🖞 System		
	🕑 Play		

Turn On LED Status Light

Set up the default LED color. The LED light bar color changed by APP or REST-API will not change color setting in device configuration.



2.13. Access configuration – Player name

The player's name can be specified so the player can be easily recognized in the management software. (Management software support is required)

- **1** Click the **Advanced** button, advanced configuration menu will be launched.
- 2 Click on Access, and click on Player name.
- **3** Input a name for the field and click **Set.**

€	(i) Information	Player name		
)	🖧 Network	Security	Player name	
	Content		Set	
	Display/sound			
	🔑 Access			
	📰 Scheduling			
	🗄 System			
	Play			

2.14. Access configuration – Security

A password can be set to provide authentication for player access. If the password is set, a password prompt will appear if a user is trying to enter the Basic settings menu from playback.

- **1** Click the **Advanced** button, advanced configuration menu will be launched.
- 2 Click on Access, and click on Security.
- **3** Input a password in the field and click **Set.**

¢	() Information	Player name	
)	Retwork	Security	Security Password:
	Content		Set
	Display/sound		
	🔎 Access		
	E Scheduling		
	l System		
	🕑 Play		

**When setting a password lock on your Android 7.1 device, please utilize the password feature located in the IAdea OS menu. If the password lock is set using a PIN code through the Android native menu, SignApps will not enable password lock when exporting content. **

2.15. Scheduling configuration – Time and date

The will bring up Date and time configuration panel as shown below, user can set time as auto or manual, set time zone and time format from here.

€	(i) Information	Time and date		
	network	Time server		
	🗂 Content	Scheduled reboot		
	Display/sound			
	🔑 Access			
	📰 Scheduling			
	🗄 System			
	Play			
N ∎	ም Date & time			💘 🗳 5:07
	Automatic date & time			
	Use network-provided time			
	Automatic time zone Use network-provided time zone			
	Set date December 6, 2018			
	Set time 5.07 AM			
	Select time zone GMT-05:00			
	Use 24-hour format			

2.16. Scheduling configuration – Time Server

The feature allows user to synchronize player's time with the web server where the appStart URL hosted, disabled by default.

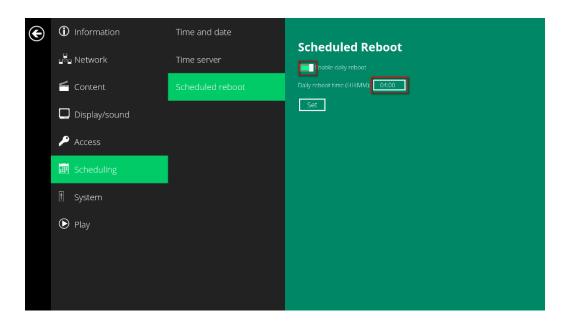
- **1** Click the **Advanced** button, advanced configuration menu will be launched.
- 2 Click on Scheduling, and click on Time server.
- Disabled: Player don't synchronize with any server.
 Default: Player synchronize it's time with Android default time server (pool.ntp.org).
 Use AppStart URL as time server: Player synchronize it's time with the web server where the appStart URL hosted (based on http response header's time)
 Customized: Player synchronize it's time with customized time server
- 4 Click on **Set** to save the setting.

€	 Information 	Time and date	Time server
	Retwork	Time server	Disabled
	Content	Scheduled reboot	Default Use AppStart URL as time server
	Display/sound		Customized ntp://pool.ntp.org
	🔎 Access		Set
	E Scheduling		
	🗄 System		
	● Play		

2.17. Scheduling configuration – Scheduled reboot

The feature Scheduled reboot allows the player to reboot on the assigned time automatically every day.

- **1** Click the **Advanced** button, advanced configuration menu will be launched.
- 2 Click on Scheduling, and click on Scheduled Reboot.
- 3 Click the Enable daily reboot button as marked in red below to enable/disable the daily reboot function. Click on the dialogue box to set the time. The value can be inputted with the pop-up keyboard or the USB keyboard.
- 4 Click on **Set** to save the setting.



2.18. System configuration - Firmware update

Firmware updates can be performed by using a USB flash drive or downloading from Internet. Please read the release notes regarding the changes that will be made to your player before applying the upgrade.

IMPORTANT: DO NOT unplug the USB drive or power down the player while the system is performing the firmware update.

Check latest firmware from internet

1 Click **Check latest firmware from internet.**

¢	 Information 	Firmware update	
)	🖧 Network	Expansion storage	Firmware update Firmware update cannot be stopped once started. If you are installing a firmware add-on.
		Factory default	all settings will be erased. Do not power-cycle during firmware update. Are you sure to start? Check latest firmware from internet
	Display/sound	Power save	Manually install package from USB drive
	🔎 Access	Auto Recovery	
	Scheduling	Remote monitoring	
	🕑 Play		

2 Click **Update from internet** to begin the firmware update.

€	(i) Information	Firmware update	
	🛱 Network	Expansion storage	Firmware update Firmware update cannot be stopped once started. If you are installing a firmware add-
		Factory default	on, all settings will be erased. Do not power-cycle during firmware update. Are you sure to start? Check latest firmware from internet
	Display/sound	Power save	New firmware is available for your device. Version: 1.2.93.621 Date:2018/10/23
	🔎 Access	Auto Recovery	Release note: -1. New feature: support Magicinfo A player preload image -2. Enhancement: Improve Germany translation
	🔠 Scheduling	CEC	-3. Bug fix: 24 hrs time format can be shown correctly on basic configuration page <u>accurate minor issues fixed</u> and optimize system performance
	🗄 System	Remote monitoring	Update from internet Manually install package from USB drive
	D Play		

Downloading file. Please wait 875 Cancel
83.100
87. 83.700
537 (53/150)
Gancal

Manually install package from USB drive

- Download the latest firmware from <u>http://www.digisignage.com</u> and copy it to the root directory of a USB drive
- 2 Plug in the power cord into the device.
- 3 After the boot-up completes, click the **Advanced** button on the Basic settings menu.
- 4 Click on System, then click Firmware update.
- 5 Click on **Manually install package from USB drive** to begin the firmware update.

¢	(i) Information	Firmware update	
)	🖧 Network	Expansion storage	Firmware update Firmware update cannot be stopped once started. If you are installing a firmware add-on,
	🗂 Content	Factory default	all settings will be erased. Do not power-cycle during firmware update. Are you sure to start? Check latest firmware from internet
	Display/sound	Power save	Manually install package from USB drive
	🔎 Access	Auto Recovery	
	E Scheduling	Remote monitoring	
	🗄 System		
	D Play		

6 Plug in the USB drive while the screen shows "Scanning USB drives for firmware package".

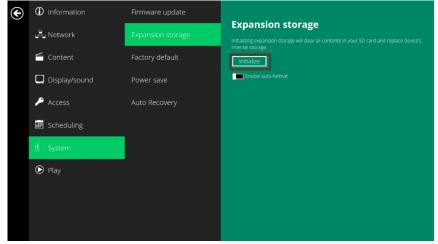


2.19. System configuration – Expansion storage

User can add extra Micro SD card to replace its internal storage, please note when internal storage being replaced, player use only the extra Micro SD card as main storage, internal storage will not be used.

Manual Expansion

- **1** Power off device.
- 2 Insert Micro SD card and then plug in power cord to power on.
- 3 In the Basic settings menu, click the **Advanced** button, advanced configuration menu will be launched.
- 4 Click on System, click on Expansion storage and click Initialize.



5 Click ERASE & FORMAT, player will format Micro SD card.

	This requires the SanDiak SD card to be formatted to make it secure. After formatting, this SanDiak SD card will only work in this device.	
Format as internal storage	Formatting erases all data currently stored on the SanDisk SD card. To avoid losing the data, consider backing it up.	
	•	ERASE & FORMAT

6 Check player information and new capacity will be displayed.

bund Health status Firmware version 20.135 Plaver ID
pund Firmware version 201-35
Firmware version 2.0.1-35
Firmware version 2.0.1-35
g 9e7df0ed.2a5c4a19-bec7-ca56b67/ Player name
fe4dt5f12d34
SanDisk SD card 29.2GB / 29.2GB (removable)

Auto Expansion

- 1 In the Basic settings menu, click the **Advanced** button, advanced configuration menu will be launched.
- 2 Click on System, click on Expansion storage and enable auto-format.

¢	(i) Information	Firmware update	
	network	Expansion storage	Expansion storage Initializing expansion storage will clear all contents in your SD card and replace device's
	🗂 Content	Factory default	internal storage. Initialize
	Display/sound	Power save	Finable auto-format Warning: SD card will get formatted automatically. Uncheck the option to
	🔎 Access	Auto Recovery	Warning: su care will get formatted automatically. Uncheck the option to avoid unintended format of the storage.
	📰 Scheduling		
	🗄 System		
	🕑 Play		

3 Insert Micro SD card and then check player information and new capacity will be displayed.

2.20. System configuration - Factory reset

If you forget the system password you have set, you must reset the system to regain access to the player.

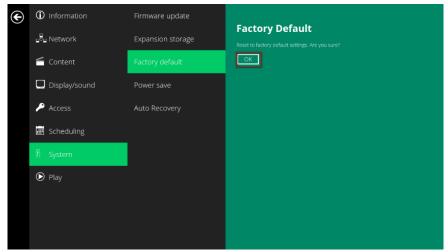
Using the reset button

- **1 PRESS** and **HOLD** the reset button with a pin.
- **2 RE-CONNECT** the power cord.
- **3 WAIT** until the status LED flashes.
- **4 RELEASE** reset button and wait for system to initialize.

Using a USB mouse

System reset will re-initialize the system, clear passwords, and return settings to their default values. Perform the following:

- **1 CONNECT** a USB mouse or using touch screen for input.
- 2 Click the **Advanced** button, advanced configuration menu will be launched.
- 3 Click on System configuration, and choose Factory default.
- 4 Click on **OK** button to perform the system reset.



2.21. System configuration – Power save

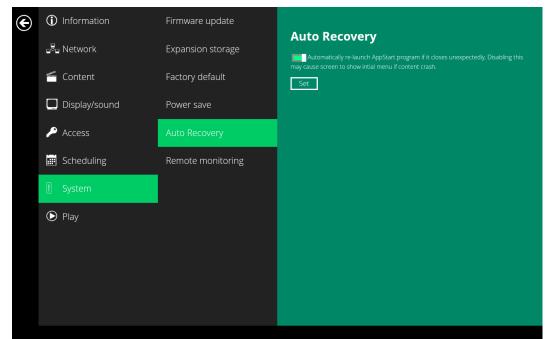
The Power save feature allows the player to power off automatically while staying at the Basic settings menu without any action taken for 10 minutes.

- **1** Click the **Advanced** button, advanced configuration menu will be launched.
- 2 Click on **System**, and click on **Power save**.
- **3** Click the **Enable Power Save mode** button as marked in red below to enable/disable the power save function.
- 4 Click on **Set** to save the setting.

¢	() Information	Firmware update	
	🗗 Network	Expansion storage	Power Save
	Content	Factory default	minutes.
	Display/sound	Power save	
	🔎 Access	Auto Recovery	
	📰 Scheduling	Remote monitoring	
	🗄 System		
	Play		

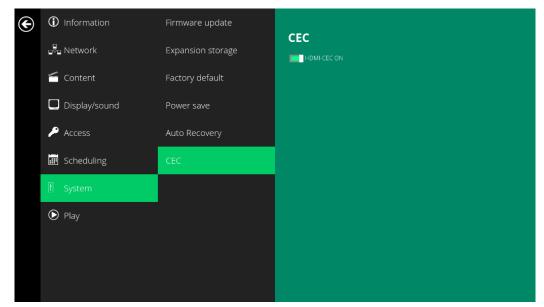
2.22. System configuration – Auto Recovery

The Auto Recovery feature is designed to automatically re-launch appStart program if it closes unexpectedly, disabling this feature may cause screen to show initial menu if content crash.



2.23. System configuration – CEC

IAdea media appliance comes with HDMI CEC enabled as default setting, this option can disable HDMI CEC support.



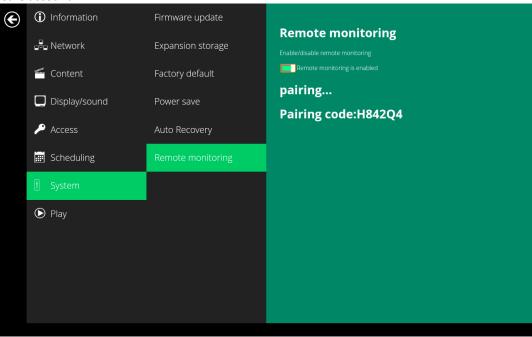
2.24. System configuration – Remote monitoring

Remote monitoring feature is designed for IAdea Care service.

- **1.** Click the **Advanced** button, advanced configuration menu will be launched.
- 2. Click on System, and click on Remote monitoring.
- **3.** Click the **Enable** button as marked in red below to enable/disable **Remote monitoring** function.

€	(i) Information	Firmware update	Pour de un altraite a
	🖧 Network	Expansion storage	Remote monitoring
	Content	Factory default	temote monitoring is disabled
	Display/sound	Power save	
	🔑 Access	Auto Recovery	
	📰 Scheduling	Remote monitoring	
	🗄 System		
	🕑 Play		

4. The Pairing Code will be showing up in few seconds. This code will be used to pair the player to your IAdea Care account.



3. Content Management

The player is designed to work with 3rd party management solutions. Please refer to the printed guide for related set up instructions.

4. Authoring in HTML5



A major advancement in the player is the ability to playback HTML5 content which can contain dynamic information.

To find out more about using HTML5 for digital signage, visit http://www.digisignage.com/

5. Working with SMIL

The player uses open communications protocols for content presentation and playback control. SMIL-compliance means predictable results across multiple devices, and SMIL's non-proprietary nature means that your investments are never obsolete.

5.1. Introduction

Using SMIL (pronounced "smile"), the language created by W3C for multimedia communications, the media player understands the language "spoken" by professional tools from companies such as Adobe, Apple, Microsoft, and Real Networks. What this means is quicker, easier, and better integration of your players into your

digital signage networks, opening up avenues of software controls and realizing the full potential of your player hardware down the road.

5.2. <u>www.a-smil.org</u> for developers

The media player operating system utilizes W3C SMIL as the underlying scripting language, which lends well to customization to your project management needs. For resources, downloads, and community support, please visit <u>www.a-smil.org</u>.

6. Appendix: FAQ

What video format can I play?

Video files encoded in MPEG-4 AVC up to 1920x1080 resolutions and 10Mb bitrates should play perfectly. If a certain video is not played as scheduled, or if it plays poorly, please search the support site for "encode" instructions.

The player is placed near my Wi-Fi access point, yet the connection is unreliable.

Wi-Fi appliances in general should be placed 10 feet (3 meters) from the Wi-Fi access point for reliable operation. Try relocating the access point further away from the player to improve connection.

If both Ethernet & Wi-Fi are connected, which one will take precedence?

If both connections are available, Ethernet will be used.

What should I do if I forgot my password?

Please perform a factory reset.

Use the S/W RESET button located at the back of the media player to restore factory settings. This will also clear the player's password.

How do I manage the playback of contents?

The media appliance is designed to be interoperable with leading 3rd party management software solutions or via SMIL open standard commands.

Could the player display Flash or Microsoft PowerPoint presentations?

The player features limited PowerPoint support, but not Flash support.

While PCs can play many formats with varying degrees of success, RISC-based media players are designed to reliably play specific video formats (see spec for details). While Microsoft PowerPoint native files cannot play directly on a RISC-based player, the file can be converted into an image format to be played as an image slideshow.

Why won't some media files play properly?

The video data bit-rate used may have exceeded the recommended bit rate.

The video data bit-rate is the amount of video or audio data used per second to store or play the contents, usually expressed in Mbps (mega-bits per second). Video encoded with excessive bit-rates will not playback smoothly in the media player, likely due to storage I/O bottleneck.

Visit <u>http://www.digisignage.com</u> for compatible media format presets.

The media playback looks different on a PC compared to the media player's screen. (Wrong aspect ratio)

There are 2 major aspect ratios (width-to-height ratios) for video content, but many kinds of displays. If you play 4:3 video on a 16:9 display (or vice versa), a circle becomes oval, and the picture takes on a squeezed or stretched look. To avoid this distorted look, adding black bars are a common technique.

The Network Media Player can be configured to automatically add black bars for certain types of displays. You can set the output resolution in the player's configuration menu to match the **native resolution** of your display.

Some JPEG images cannot be played in the media player.

Progressive JPEG files are not supported. Please convert to baseline JPEG for maximum compatibility.

JPEG images can be either of 2 types: baseline or progressive compression. Baseline JPEG offers greatest compatibility, while progressive JPEGs are suitable for web site images. Progressive images are downloaded and displayed "progressively," being rendered more clearly as more data is received over the internet. Progressive

images are primarily supported on PCs. For media appliances, make sure to save images as baseline JPEG in your photo editor, or resave them as baseline JPEGs using free tools such as IrfanView (<u>http://www.irfanview.com/</u>).

The video is playing but I can't hear any sound, what should I do? Check volume (mute) settings on monitor.