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## PADS4 Viewer on WebOS2

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## 1. First time use

During the installation you will have to enter the URL of the PADS4 Server. Best approach is to complete the installation of the PADS4 Server first, before continuing the configuration of the device.

When you turn the device on for the first time it will automatically show the configuration wizard. Follow the steps and specify settings, as mentioned in the table below.

### LG configuration wizard

Step	Description
01	Language & Country selection

To perform a factory reset of the device follow the next steps:

Step	Description
1	Press and hold Settings button until an balloon icon appears at the right top
2	Press keys 0 0 0 0 followed by OK key on remote control
3	Select signage setup menu
4	Select factory reset option (at the bottom of the menu)
5	Confirm to start the factory reset

## 2. Firmware check

Steps required to check the firmware version:

- 1) Press Home button on the remote control
- 2) Select Information Application

Check the current WebOS2 firmware version.

Using a firmware version lower than specified may cause the PADS4 Viewer to lose functionality. Please check with LG if installation of the firmware requires additional actions.

Minimum PADS4 Viewer version	Minimum WebOS2 Firmware version
4.6.6099	3.71.85 (22SM3B/SM5B model)
4.10	3.90.30 (recommended by LG)

- 1) Download firmware from the LG website ([webossignage.developer.lge/device/firmware](http://webossignage.developer.lge/device/firmware))  
This requires an account.
- 2) Copy the .epk file into the LG\_MONITOR folder of a USB stick. Insert the USB stick into the monitor and the device will detect the USB and start the update screen automatically

### 3. Specify URL launch settings

The URL specifies the location of the PADS4 Server.

*When hosting PADS4 on HTTP (default) the form of the URL is*

<http://<server>/pads4/native/lg.zip>

where <server> is the IP address or domain name of your PADS4 Server.

*When hosting PADS4 on HTTPS the form of the URL is*

<https://<server>/pads4/native/lg.zip>

where <server> is the domain name of your PADS4 Server.

Steps required to specify the URL launch settings:

Step	Description
1	Power on button
2	Press and hold Settings button until an balloon icon appears at the right top
3	Press keys 8 0 8 0 followed by OK key on remote control
4	Set Application launch mode to local
5	Set Fully qualified domain name to ON
6	Set the Url as specified above
7	Select remote option
8	Confirm to start
9	After download power off/on the device

When finished the device will download the software and start the PADS4 Viewer. A connection indicator and the generated PADS4 Viewer name will be displayed in the lower left corner of the screen. If the connection fails, open the Viewer log from the options screen (see step 4).

### 4. Adjust PADS4 Viewer options using the options screen

PADS4 Viewer options can be adjusted directly on the display.














To enter the options screen on the device itself, a mouse must be connected. Click the left or right mouse button and hold this down until a menu appears.

Changing Viewer options can also be managed afterwards from a central location using the PADS4 Agent.

## 5. Supported features & limitations

The following features and limitations are related to WebOS2.

Area		Support
Display models		<a href="#">List with compatible display models for WebOS2</a>
Portrait mode		Set the PADS4 rotation option to 90 degrees in the Viewer settings to set the screen in portrait mode. Do NOT use the screen WebOS rotate option
Block Remote Control		Option to prevent the usage of a remote control to operate the screen.
HTTPS		Supported
Video		Maximum of 1 video. Check out the WebOS documentation for the limitations. *Video element rotation not supported *automatic size is not supported *uniform in combination with border and alignment not supported *Reflection, skew and flipping not supported
		Support HTTP, HTTPS, HLS V3, UDP streaming
Image		Support for JPG, PNG, BMP, GIF
Text		Supported
Line		Supported
Shape		Supported
Scrolling text		Supported
Formatted Text		Supported
Flash		Supported *there is no support to detect end of flash presentation when playing. Functions such as play once next page and detect end of presentation are not supported
Table		Supported
Interactive Button		Supported *Mouse cursor options not supported *Interactive Data filter & sort dialog window not supported
Playlist		Content from PADS4 Content Library & URL supported
Web		Supported *Usage of the interactive Address Bar not supported
Colors		Supported *Texture and pattern colors are not supported
Data providers		All PADS4 data providers (70+) supported
Transitions		Supported *Horizontal and vertical blinds not supported *Increasing circle, splitters and sliced circle not supported
Rules		Presentation, Page and Element rules supported
Offline Content Library storage		PADS4 Content Library is stored on the local device.

MD5 check		PADS4 Content Library file integrity is checked during synchronization using MD5 *Synchronization speed performance cost due to MD5 calculation
Offline Schedules		All scheduled presentations are cached local
Offline Data		Data retrieved from data providers is cached local
Property bindings		Supported
Viewer variables		Supported
Software updates		Automatic software updates supported
Turn Off Display		Turn off display when no presentation scheduled
PADS4 Agent		PADS4 Agent supported. *The following Viewer functionality: Screenshot, Viewer Log, Synchronization Log, Viewer Settings, System Info, Fonts, Viewer Blackbox and Proof of Play
		Refresh device supported
		Reboot device supported
		Display current connection state supported
		Viewer variables supported
		Monitoring & Alerts supported *The following functionality: Network connections

## 6. General limitations

Data Providers	Data providers always make use of the PADS4 data server. A HTML5 Viewer is not able to read the information itself from the source.
Content Library	Support for content from PADS4 Content Library . *Content from file is not supported when pointing to a local disk location.
Proof of Play	Local storage limitation of max. 50.000 records on the HTML5 Viewer during offline period. When the 50.000 is hit, the oldest value will be removed first.
Storage capacity	Storage capacity for content differs per device and browser.