# The User-Friendly Smart Signage Platform

## WP400

The WP400 webOS box operates webOS 4.0, the enhanced user-friendly LG smart signage platform, and is attached to existing LG digital signages and upgrades them regardless of their original platform. It can execute several tasks at once while providing smooth content playback, and provides an excellent user experience with an intuitive menu and convenient features.
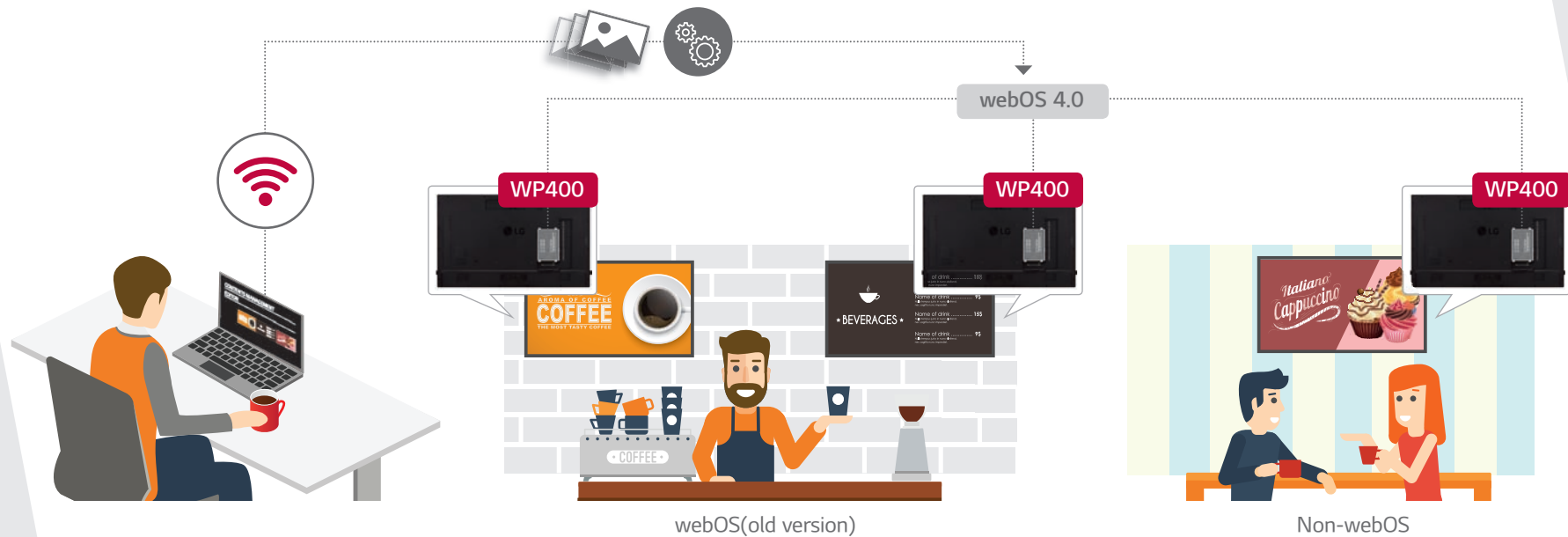
**LG** | Business Solutions

# The User-Friendly Smart Signage Platform
## WP400

## Great Scalability

**Upgrade to the webOS 4.0 Smart Signage Platform**

The WP400 may be applied towards any type of LG digital signages regardless of its platform. The webOS box provides user-friendly smart functions with dedicated menus essential for business use. This way, users are able to easily manage and distribute content or develop web-based applications for multiple signages simultaneously. Moreover, the WP400 has expanded its versatile ability to control displays.



webOS 4.0

WP400

WP400

WP400

webOS(old version)

Non-webOS

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### High Performance Media Player

#### UHD Video Playback Supported

The WP400 supports Ultra HD high-quality video playback which delivers true-to-life color details, with four times higher definition than FHD. Only a single webOS box is required for this superior picture quality.

#### Display Control Capability

Beyond content management, control commands from the WP400 can be sent to LG digital signages through the RS232C cable connection. It allows users to flexibly set up display values such as power, brightness or volume for optimal operation.
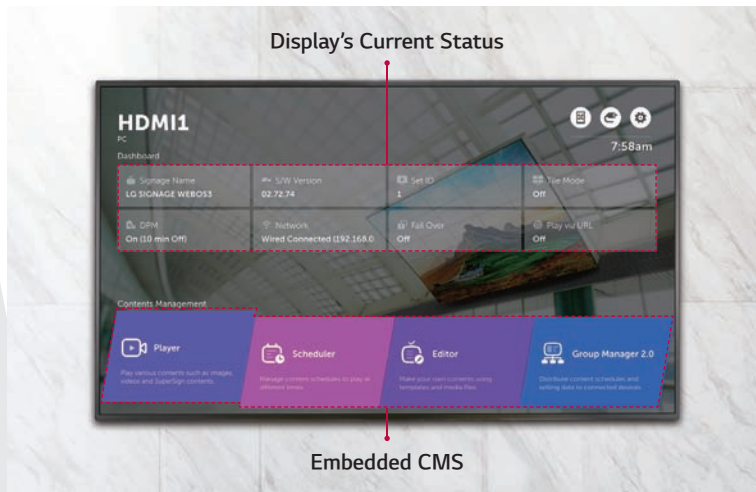


UHD

WP400



RS232C

WP400

RS232C

WP400

# The User-Friendly Smart Signage Platform
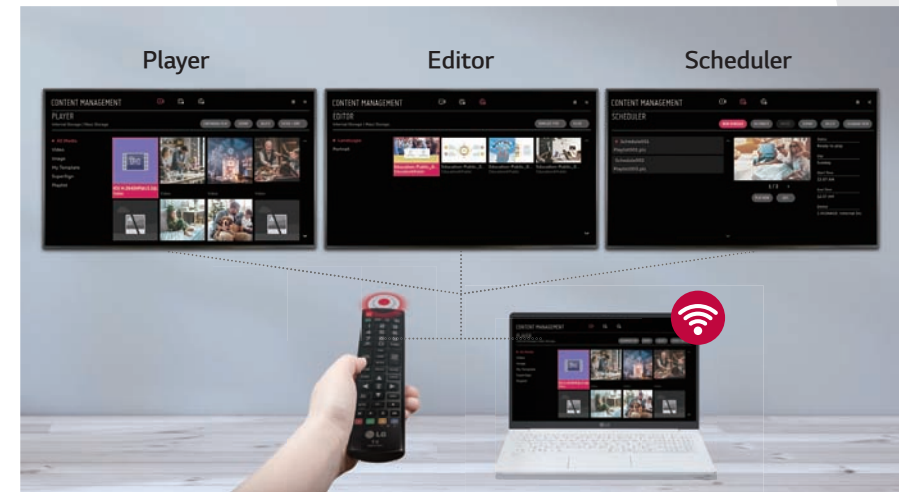## WP400

## User-Friendly Smart Platform

### All-in-One Home Menu

The WP400 offers a signage-dedicated home menu that shows key information related to signage operation at a glance. A dashboard showing the status of devices, a content management menu, and shortcuts leading to quick settings greatly enhance user convenience.

### Embedded Content Management

The embedded CMS(Content Management System) allows users to edit content using internal/external sources and set playlists to play at the desired schedule. Users can easily explore and manage content through the intuitive GUI, using various input devices, from a remote control to a laptop.
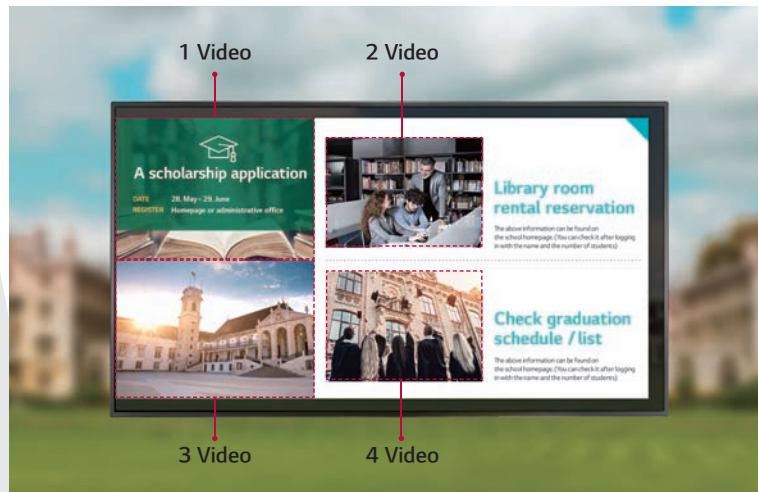


Display's Current Status

Embedded CMS



Player　　　　Editor　　　　Scheduler

# The User-Friendly Smart Signage Platform
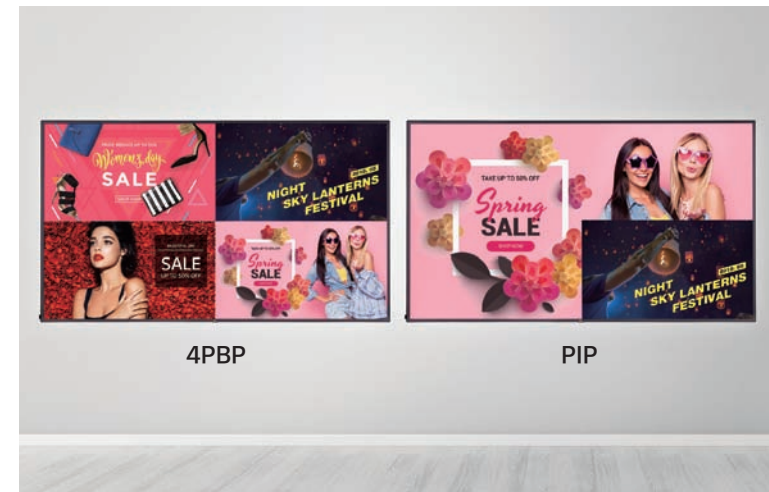## WP400

## Flexible Operation

### Multi Video Tags

Several different videos can be played at the same time using the multi video tags* feature. This gives you greater flexibility to organize and deploy content when various content items need to be delivered simultaneously via web apps.



1 Video  2 Video

3 Video  4 Video

### Multi Screen with PBP/PIP

PBP(Picture-By-Picture) features multi screen in a single display with upto 4 input sources while PIP(Picture-In-Picture) supports playing both main screen and sub screen at the same time with various layouts. This gives great flexibility to allocate space for each content souce.



4PBP    PIP

* The 2 video tags may expand to 4 video tags in the 3Q of 2019.

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## WP400

## Flexible Operation

### Compatibility with LG SuperSign Solutions

LG SuperSign is a comprehensive and indispensable software solution for the integrated management of LG digital signages. With SuperSign, content creation and distribution gets easier and centralized monitoring and control becomes simpler, helping your business save time and operate more effectively across different locations.
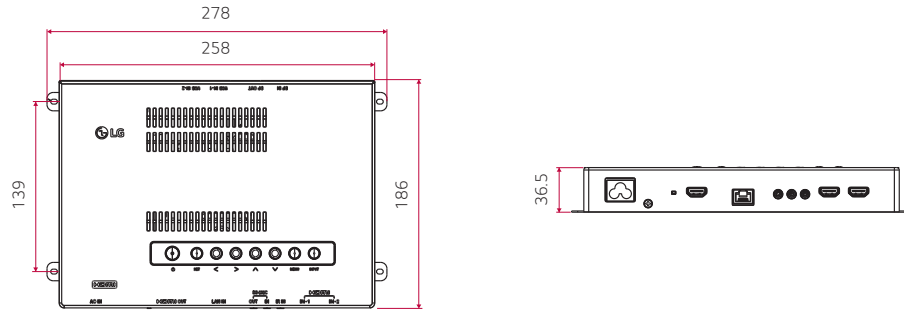


### Real-Time Remote Care Service

The maintenance gets easier and faster with an optional service Signage 365 Care*, a cloud service solution provided by LG service. It remotely manages status of displays in client workplaces for fault diagnosis and remote-control services, ensuring the stable operation of a client's business.



Repair

Signage 365 care

WP400

Status, Usage Data
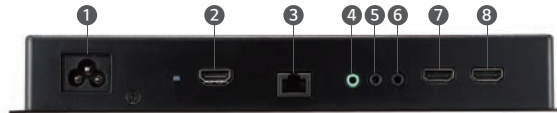
Monitoring / Fault Detection

\* The availability of "Signage 365 Care" service can differ by region, so please contact the LG sales representative in your region for further details.

# Dimension (Unit: mm)



# Connectivity

## Front



| 1 | AC-IN | 7 | HDMI IN 1 |
|---|---|---|---|
| 2 | HDMI OUT | 8 | HDMI IN 2 |
| 3 | LAN IN | 9 | DP IN |
| 4 | RS232C OUT | 10 | DP OUT |
| 5 | RS232C IN | 11 | USB IN 1 |
| 6 | IR IN | 12 | USB IN 2 |

## Back



HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

# Specifications                                            WP400

| | | | |
|---|---|---|---|
| **CONNECTIVITY** | Input | | HDMI (2), DP, USB 2.0 (2) |
| | Output | | HDMI, DP (Daisy Chain Only) |
| | External Control | | RS232C In/out, RJ45 In, IR In |
| **MECHANICAL SPECIFICATION** | Player Dimension (W x H x D) | | 258 × 36.5 × 186 mm |
| | Weight | | 1.4 kg |
| | Carton Dimensions (W x H x D) | | 314 x 124 x 359 mm |
| | Packed Weight | | 2.26 kg |
| **KEY FEATURE (HARDWARE)** | | | Internal Memory 8GB (System 4GB, Available 4GB), Wi-Fi Built-in (ac combo), Thermal Sensor, Power Indicator, Local Key Operation |
| **KEY FEATURE (SOFTWARE)** | webOS ver. | | webOS 4.0 |
| | Embedded CMS | | USB Auto Playback, Local Contents Scheduling, Group Manager |
| | Fail Over | | O |
| | Image Customization | | No Signal |
| | Content Sync. | | RS-232C, Local Network |
| | Multi-screen | | PIP/PBP(4) |
| | Screen Share | | O |
| | Video Tag | | O (2)[1] |
| | Play via URL | | O |
| | OSD Rotation | | O |
| | Lock mode | | O (Home Dashboard, USB, OSD, IR Operation, Local Key, WiFi, SoftAP, Screen Share) |
| | Content Rotation | | O |
| | Gapless Playback | | O |
| | Tile Mode Setting | | O (Max. 15x15) |
| | Setting Data Cloning | | O (RS-232C, Network, USB) |
| | Firmware Update by Network | | O |
| | SNMP(ver.2) | | O |
| | ISM Mode (Image Sticking Minimization) | | O |
| | Status Mailing | | O |
| | Control Manager | | O |
| | Power Mgmt. | | DPM, On/Off Schedule, Holiday Schedule, Power on Status, Smart Energy Saving, Wake on LAN, Power on Delay |
| | Daylight Saving Time | | O |
| | Beacon | | O |
| | HDMI-CEC[2] | | O |
| | SI Server Setting | | O |
| | webRTC | | O |
| **ENVIRONMENT CONDITIONS** | Operation Temperature | | 0°C to 40°C |
| | Operation Humidity | | 10% to 80% |
| **POWER** | Power Supply | | 100-240V~, 50/60Hz |
| | Power Type | | Built-In Power |
| | Power Consumption | Typ. | 16 W |
| | | Max. | 22 W |
| **CERTIFICATION** | Safety | | CB |
| | EMC | | CE Class A |
| **SOFTWARE COMPATIBILITY[3]** | Content Management Software | | SuperSign CMS |
| | Control and Monitoring Software | | SuperSign Control/Control+ |
| **ACCESSORIES** | Basic | | Remote Controller, Power Cord, QSG, HDMI Cable, Regulation Book, Phone to RS232C Gender |

1) The 2 video tags may expand to 4 video tags in the 3Q of 2019.
2) Compatibility may differ by equipment.
3) Software compatibility may change over time. Please contact LG sales representative for details.

LG Business Solutions