



SuperSign is Handy For You

SuperSign Elite-w is a network-based solution for digital advertising communication. It is a program for the integrated management of the SuperSign Elite-w solution, providing support for digital media creation and management, content deployment, video play, and remote control.

Components of SuperSign Elite-w

Manager (Software)



Software
Easy and intuitive software that allows even the novice can operate conveniently.

Media Player



Media players
Easy and Quick management through media Player

Display



Display
High Performance Displays

The SuperSign Elite-w solution provides SuperSign Manager, an all-in-one management program that allows you to manage the display and media player and create and distribute media. SuperSign Manager is embedded with a client-side PC Editor that is capable of creating and editing content and a server-side Web Editor.

SuperSign Player consists of media player (hardware) and SuperSign Player software installed on the media player. The media player comes in two types: box type (NC/NA1000 series) and built-in type (NC/NA2000 series).

The Display is connected to SuperSign Player (media player) to display advertising content, supporting most LCD monitors using the LG RS232C protocol. You can control the functions (e.g., brightness, resolution, and volume) of such monitors using SuperSign Manager.

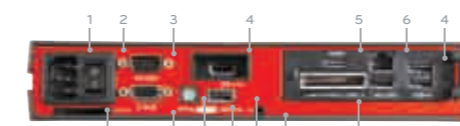
SuperSign Elite-w Specification				
Player connection	1,000 EA possible	Web service manager	Web server	Apache Tomcat v6
Distribution server	Multi server		Service technology	RESTful web service
Multi user support	Multi user support Multi users can use at the same time		- Web service	Comet / Bayeux protocol
Role separation by user	Possible to grant authority by mixing more than 20 different authority such as designer, scheduler, and manager	Content editor	- Real time messaging	Spring framework v3.0
Content editor	Web and PC based editor have the same number of functions		Framework	Java, Flex/Action script, Java script
Content library	Categorization by category, Categorization by folder		DB engine	PostgreSQL
Dashboard	Update System information and new content information	Player	PC editor	Multi layer content editing / Time sequence editing
Distribution manager	Adopted distribution page. Possible to distribute schedule, media. Possible to monitor the distribution status Distribution by reservation.		Web editor	Same function with PC editor
			Number of templates	64ea
		Number of clip arts	212ea	
		Supported content	- Media	Video : AVI, WMV, FLV, MP4, MOV, TP, TS, MKV, MPG, MPEG IMAGE : JPG, PNG, BMP / Audio : MP3, WMA, WAV / Flash : SWF Document : DOC, XLS, PPT, PDF, ODT, ODM, ODS, ODP Web, RSS, Date/Time, Text, Widget, Media streaming
			- Service	

Media Player H/W Specification			
	External 1XXX Series	Slot 2XXX Series	
SPECIFICATION	NC1000 / 2000	NC1100/2100	NA1100/2100 NA1000/2000
Dimensions	250mm(W) x 45mm(H) x 220mm(D) (Only Set)	250mm(W) x 45mm(H) x 220mm(D) (Only Set)	
Weight	1.43kg (Only Set)	1.56kg (Only Set)	
CPU	Intel® ATOM Processor 330 1.6GHz (Dual Core)	Intel® Celeron® P4500 Processor Cache-L1/L2/L3 32K/256K/2M, 1.86 GHz	Intel® Core™ i5-520M Processor 3M Cache, 2.40 GHz Intel® Core™ i7-620M Processor 4M Cache, 2.66 GHz
Chip Set	Nvidia MCP7A - ION integrated Graphic chipset	Intel® QM57 Chipset	
Memory	DDR3 1066 1024 MB SODIMM type, 1G(Option:2048MB,2G)	DDR3 SDRAM unbuffered 1066 1024MB SODIMM type, 1G (Option:2048MB, 2G)	
Storage Device	SSD 8 / 16 / 32GB	SSD 8 / 16 / 32 / 64GB	
O/S	Windows XP Embedded Standard	Windows XP Embedded Standard	
LAN	Realtek 10/100/1000Mbps	Intel® 82577LM Gigabit(10/100/1000 Mbps) Ethernet PHY	
Interface	Slot PC Part	HDMI out, USB 2ea, LAN(10/100/1000Mbps), PCI mini Express Card	
	External Port	HDMI out, USB 2ea, SD/PF, D-SUB, Line out RS-232C, 4 in 1 Multi-card	
		USB 2ea, DP out, Mic in, D-SUB Line out, RS-232C, 4 in 1 Multi-card	

Operation Specification			
Resolution	Analog	Max	1920 x 1080 @ 60Hz
		Recommend	1920 x 1080 @ 60Hz
Input Voltage	Digital	Max	1920 x 1080 @ 60Hz
		Recommend	1920 x 1080 @ 60Hz
Input Voltage	Voltage : 100 - 240Vac, 50 or 60Hz		
Sound Output Wattage	RMS Audio Output 10W+10W(R+L) with LG Monitor		
Inrush Current	50A(230Vac)		
Operating Condition		Sync (H/V)	Video
	Normal Mode	On/On	Active
Environment Condition		Off/Off	Off
	Operating	Temperature	5°C - 35°C
		Humidity	10% - 80%
Storage		Temperature	-20°C - 60°C Non-condensing
		Humidity	5% - 95% Non-condensing

*The specification could be changed without prior notice.

Composition of SuperSign Name of Each Part



- Power Cable Input Terminal
 - Power Switch
 - RS-232C Output Terminal
 - USB Input Terminal
 - HDMI Output Terminal
 - LAN/USB Connection Terminal
 - 4-in-1 Multi-card Slot
 - D-SUB Output Terminal
 - Optical
 - SuperSign Power Button
 - Line-out Connection Terminal
 - Mini Express Card Slot
- Operation and program installation can be carried out using USB Memory, USB Hard-disk, USB CD-ROM, Keyboard (wired/wireless), Mouse (wired/wireless), etc.

LG SuperSign Elite-w

A Handy Way to Promote Any Business

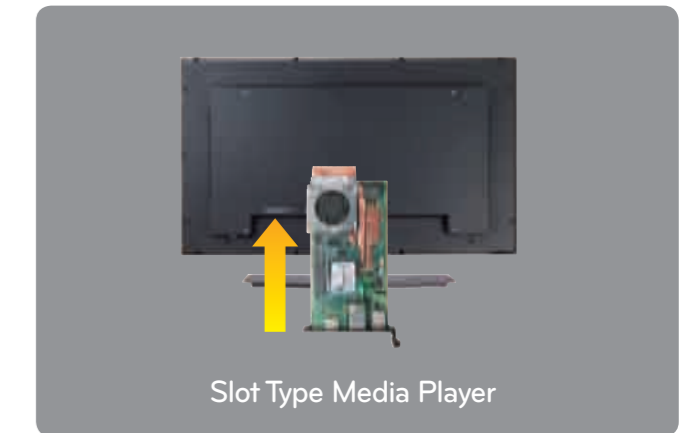
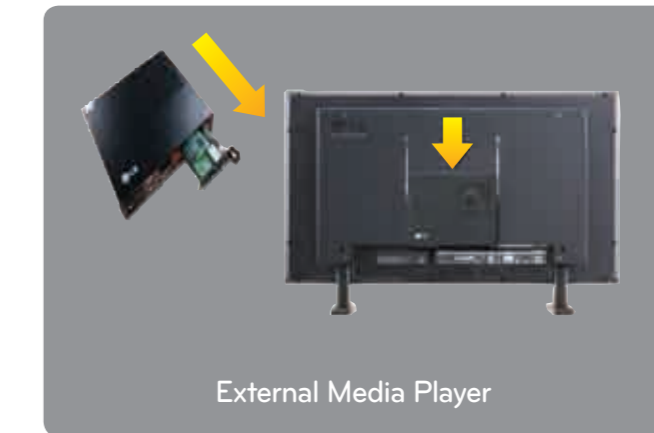


Fits any place well, the widely used Digital Signage Solution



Media Player

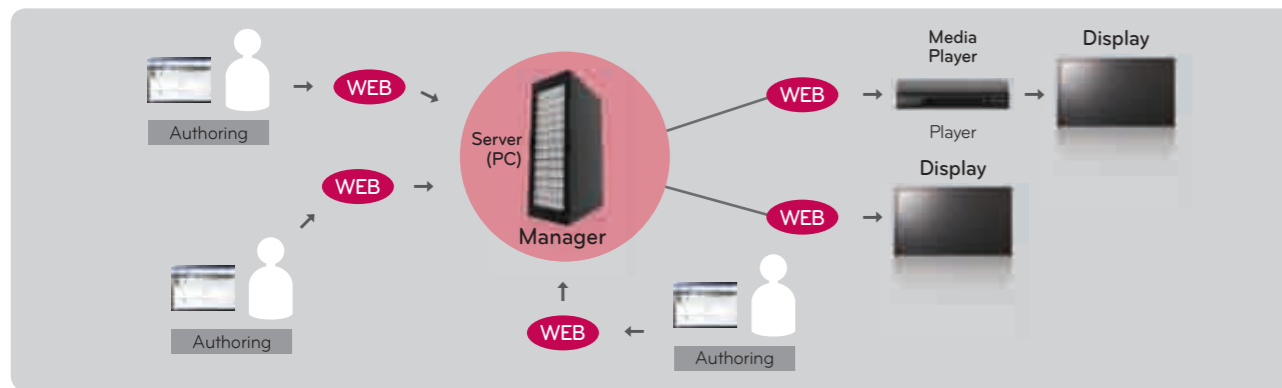
SuperSign Player is a software program used to play digital signage files stored in LG Digital Signage Media Player. You can play media files such as videos, images, music, flash, and documents transmitted from SuperSign Manager using SuperSign Player. The media player that comes with high-powered Intel platform CPU is easy to maintain and repair with detachability on the back of the monitor.



The media player comes in two types: box type (NC/NA1000 series) and built-in type (NC/NA2000 series).

Web-based Digital Signage Software, SuperSign Elite-w

By installing the software on the web server, the user can access the system everywhere there is a web browser and use the service.



System Expansibility

Since the distributed server system is supported, up to approximately 1,000 players can be connected.

Multi-user Access System

Multiple users can access the server simultaneously and use the function of SuperSign Elite-w.

Full Version Web Editor

Ensure user convenience by realizing all the functions of PC Edit on Web Edit

User-friendly workflow's Digital Signage Software

Step 1 ACCESS & HOME

Please connect to the web browser first, and then log on. You can monitor the overall present situation of the general system in the user-friendly home screen. You can also add or delete the category on the dashboard by setting and set the location with simple dragging.

Step 2 CREATING CONTENTS

You can easily create the contents that you want with various templates supporting SuperSign Elite-w.

- **Adding Media Files to the Library**
You can add photos, videos, flash files, music, PDFs, and Office files to the library using the PC Editor.
- **Adding Service Content**
You can add online content (websites, RSS, and widgets) and date/time to the Canvas.
- **Setting the Timeline**
The timeline allows you to set the duration for each content clip so that your media can be played at the desired time. On the timeline, you can set the start time, duration, and end time of the content in the zone. You can set the content to play for up to 12 hours.

Step 3 SCHEDULES

You can create or modify a schedule to deploy the content. You can manage schedules you want to approve, reject, delete, edit in the Schedule details list. Drag-and-drop the selected item onto a desired date in the schedule edit area. Schedule management became easier because you can adjust schedule of thus selected items up to a unit of 1 second.

Step 4 SELECTING PLAYER

You can select 2 types of player, monitor type and media type to reproduce contents or control the selected player. Likewise, you can control the power and detail functions of player and display.

User Management

You can view or manage (approve, reject, and delete) all user accounts.

- **USER-RIGHTS MANAGEMENT SYSTEM**
Each user can only perform the functions authorized by the rights management system. This can give different rights to each user, thereby enabling effective system management.

Step 5 DISTRIBUTING CONTENTS

You can distribute content to players. You can find and view items (schedules, content, and players) that are distributed previously or scheduled for distribution. You can manage the distribution you want to approve, reject, or delete in the Distribution List.

*You can proceed to the next stage only after obtaining approval from the manager.
*Since each page carries consistent layout and same depth, users can easily and quickly use them.