
2014 MONITOR SIGNAGE

COMMERCIAL LARGE MONITOR AND SOLUTIONS



LG ELECTRONICS INC.

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2014 HIGHLIGHTS

ULTRA-LARGE SCREEN SUPERIOR 4K RESOLUTION DISPLAY

New 98" ULTRA HD (3840 x 2160) Premium Display in 2014 in addition to 84" ULTRA HD Display

Produce resolution and picture quality far beyond any other regular displays. ULTRA HD resolution has four times the resolution and pixel density of Full HD display delivering superior clarity and details of life-like images that appear sharp even at close viewing distances.



Massive virtual mannequin made of 1x3 cutting-edge 98" Ultra HD displays



THE MOST ADVANCED LG'S TECHNOLOGIES

World's Largest 105" 21:9 UltraWide Ultra HD Signage

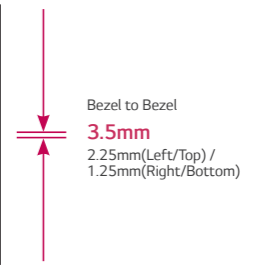
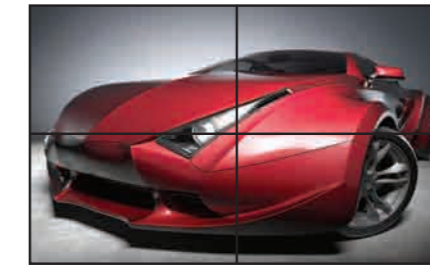
Showcased recently at CSE 2014 fully attracting customers into an immersive cinematic view.



105" 21:9 Ultra Wide Signage as Giant Media Art Wall

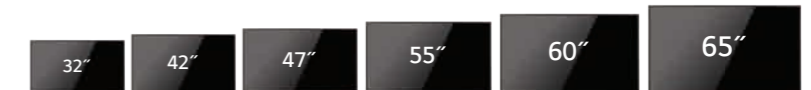
WORLD'S NARROWEST 3.5mm BEZEL VIDEO WALL

World's narrowest bezel display delivering stunning high picture quality in a seamless video wall.



A WIDE RANGE OF COMPETITIVE DISPLAYS LINE UP

As cost effective solution, a wide range of screen sizes from 32" to 65" Full HD Slim Design Displays with webOS for Signage embedded are available, which suit the needs of information and advertisement displays for corporate communications, retail, QSR/food service, and for other vertical markets as well.



SERIES OF webOS for Signage DISPLAYS



High Performance SoC

Eliminating the need of an external media player reduces TCO and simplifies the installation and maintenance.

Simple Customization

Allows to build apps by LG's SDK and able to apply customizable logo during idle-times, such as booting and no signal periods.

Web Centric Platform

Supports HTML5 for building apps working on any platforms or devices in an easy manner.

Simple Management

Enables self-diagnostics and remote monitoring from PCs or mobile devices.

Intuitive UX

Improved user experience through an intuitive Quick Launcher.

REVOLUTIONARY VIEWING ADVANCED LED LCD PANEL

HIGH PICTURE QUALITY

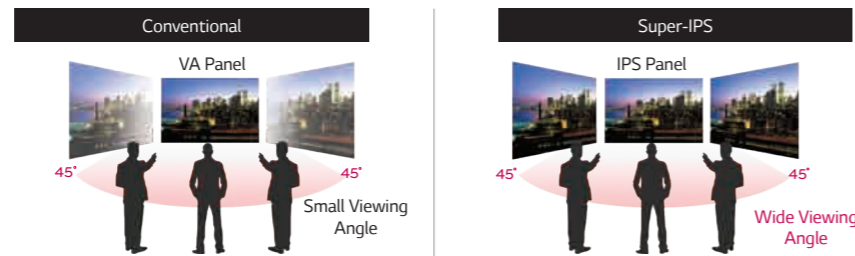
Consistent Response Time for Reduced Eye Strain & Original Image Exact Color Matching

IPS panel has an extremely low standard of deviation for response time. This allows for the smooth viewing of action scenes, sports with greater clarity and vivid quality. Now, your eyes can enjoy added comfort in viewing. Also, start seeing images true to their authentic beauty, as IPS panel displays the color tone of the original image, along with a consistent color temperature.



Watchable Image Virtually At Any Angle

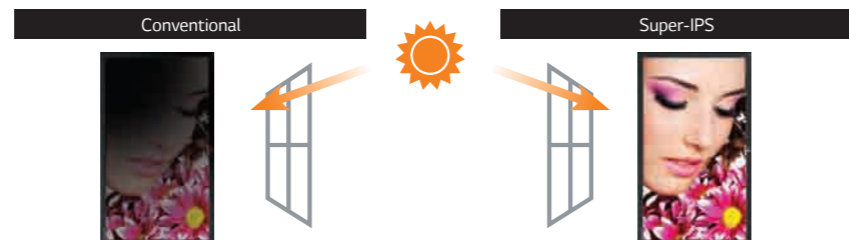
Super In Plane Switching or Super IPS has the better control of liquid crystal and in consequence, it allows you to watch the screen virtually at any angle.



SUPERIOR DURABILITY

No Blackening Defect

Even under direct sunlight exposure, LG commercial monitors remain free of blackening defects and provides superior quality for outdoor usage. This means you can save on costs related to purchasing IR blockers or extra cooling systems, in addition to saving power. What's more, you can save on space since no glass covers are needed for the monitors.



Minimized Image Distortion Upon External Pressure

IPS panel is not susceptible to image distortion upon external pressure. It is because the liquid crystal formation.

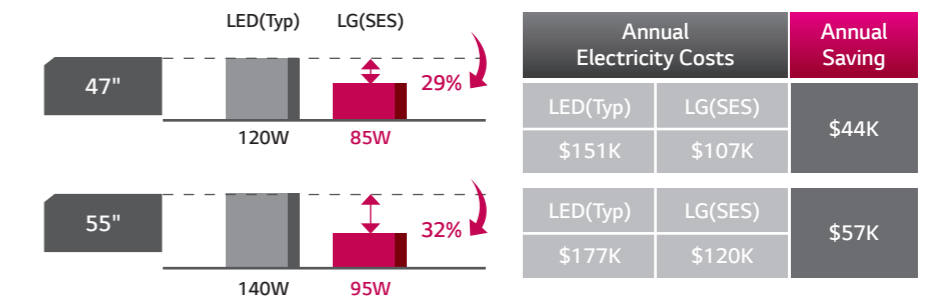


SMART ENERGY SAVING

Low Power Consumption

By using LG's state-of-the-art technology, the smart energy saving guarantees low energy consumption compared to other conventional LED backlight displays. In addition, LG's monitor signage meets all the environmental regulations such as ERP and Energy Star and ensures no use of harmful materials as well as free carbon footprints.

Stand Alone



Reducing energy consumption by approximately 30%-45%.



- Environmental Regulation : EPA, ERP
- No Harmful Material : RoHS
- CO₂ Reduction



Ultra-Large Screen 4K Ultra-HD Signage



ULTRA-LARGE SCREEN

84" ULTRA HD PREMIUM DISPLAY **84WS70MS**

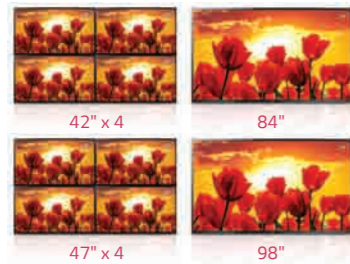
84" ULTRA HD DISPLAY **84WS70B**

- Edge Lit-LED
- 3,840 x 2,160 (UHD)
- 500 cd/m² (WS70MS), 350 cd/m² (WS70B)
- 24/7 Operation (WS70MS)
- Landscape/Portrait Mode (WS70MS)
- Compatible with MP700 Docking-type Player



Seamless Content Delivery In A Large Screen

Providing an immersive wide viewing with high quality in a seamless 84" and 98" ultra large screen.



Super High Resolution 3,840 x 2,160 (ULTRA HD)

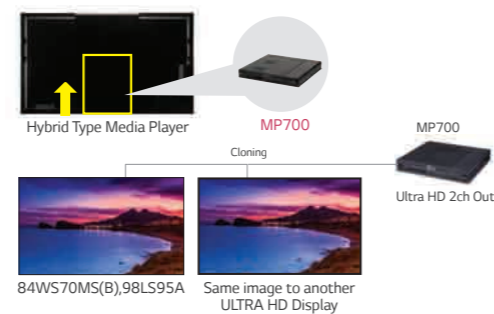
ULTRA HD Resolution presents a whole new level of picture quality, boasting a picture definition of four times higher than that of Full HD.



Docking-Type Player MP700 ready

Signage Display with a docking-type player looks slimmer and helps maintain the system far more conveniently on account of less cabling.

- Display with High Bit Rate(HBR) Bandwidth 3,840 x 2,160 pixels with excellent performance
- ULTRA HD Dual Cloning Feature
2 DP ports with HBR dedicated for Ultra HD display
→ Offers 2 same contents at Ultra HD resolution



98" ULTRA HD PREMIUM DISPLAY **98LS95A**

- webOS for Signage platform
- Slim Direct-LED
- 3,840 x 2,160 (UHD)
- 500 cd/m²
- Landscape/Portrait support
- DP1.2 Daisy Chain
- Wi-Fi Dongle
- HEVC

*Release in September, 2014

A Wide Range of Slim Design Signage (32"~65")

More potential buyers and visitors can be reached through LG's versatile types of displays.



SLIM DESIGN PREMIUM DISPLAY

42"/47"/55" HIGH-BRIGHTNESS EVEN-BEZEL DISPLAY

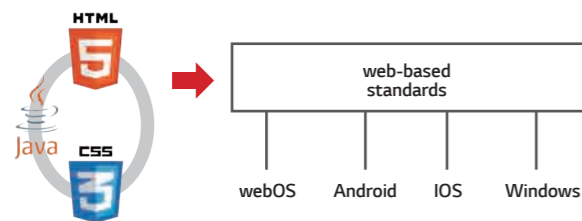
WS50MS

- Edge Lit-LED
- 1,920 x 1,080 (FHD)
- 700 cd/m²
- 24/7 Operation
- Landscape/Portrait Mode
- Bezel width 11.5mm



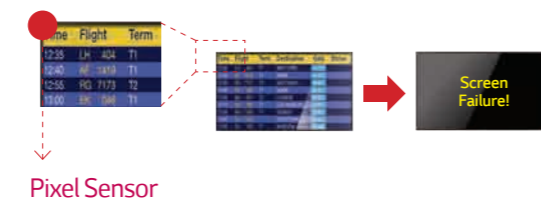
webOS for Signage embedded

Built-in APIs allows to easily build web-based apps in HTML5, CSS and JavaScript which run on any platforms and devices while saving time and labor costs.



Advanced Self Diagnostic

Pixel Sensor checks screen status and alerts screen failure, such as screen hang and freeze. (only available for specific new models releasing in 2014)



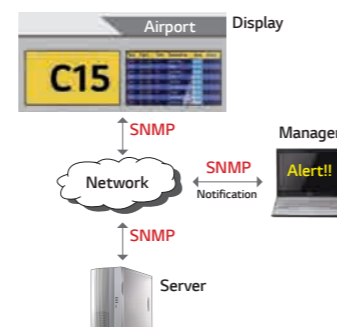
Expandable HD-SDI Option Board

Easy docking of HD-SDI Option Board 'EB-S100' is available for 42"/47"/55"/60" WL10ME series.



SNMP Support

Display Remote Management through SNMP is available in addition to RS-232C and other network protocol. (only available for specific new models releasing in 2014)



42"/47"/55" EVEN-BEZEL DISPLAY

WS50B

- Edge Lit-LED
- 1,920 x 1,080 (FHD)
- 450 cd/m²
- 24/7 Operation
- Landscape/Portrait Mode
- Bezel width 11.5mm

A Wide Range of Slim Design Signage (32"~65")

More potential buyers and visitors can be reached through LG's versatile types of displays.

SLIM DESIGN NARROW-BEZEL DISPLAY

32"/42"/47"/55"/60" WL30MS Series

- Edge Lit-LED (32")
- Direct Lit-LED (42"/47"/55"/60")
- 1,920 x 1,080 (FHD)
- 400 cd/m² (32"/42"/47"/60"), 350 cd/m² (55")
- Landscape/Portrait Mode
- Embedded player with 8GB built-in USB memory for 42"/47"/55"/60" WL30MS Models



SLIM DESIGN NARROW-BEZEL webOS for Signage

42"/47"/55" webOS for Signage EMBEDDED DISPLAY

LS55A

- webOS for Signage embedded
- Direct-Lit LED
- FHD
- 450 cd/m²
- Landscape/Portrait Mode
- Check Screen through Pixel sensor
- SNMP support
- Enhanced Fail-Over to Internal Memory

*Release in June, 2014



42"/47" 400 cd/m² WL10MS Series

42"/47"/55"/60" (with HD/SDI Interface Option)

WL10ME Series

- Direct Lit-LED (42"/47"/55"/60")
- 1,920 x 1,080 (FHD)
- 400 cd/m² (32"/42"/47"/60"), 350 cd/m² (55")
- Landscape/Portrait Mode
- Expandable HD/SDI Option Board Compatible



SLIM DESIGN DISPLAY



32"/42"/47"/55"/65" NARROW BEZEL DISPLAY

LS33A

- Direct-Lit LED
- FHD
- 300 cd/m², 330nit(55"), 350 cd/m² (60")
- Landscape / Portrait support
- SNMP Support
- RGB / HDMI

*Release in May, 2014 (32"/42"/47"/55"), June, 2014 (65")

Super-Narrow Bezel Premium Display

LG's near-seamless video wall solutions make various formats of display possible. It can be extended easily, allowing you to generate effective attraction.



55" SUPER-NARROW 3.5mm BEZEL VIDEO WALL

55" HIGH-BRIGHTNESS
3.5mm BEZEL VIDEO WALL

LV77A

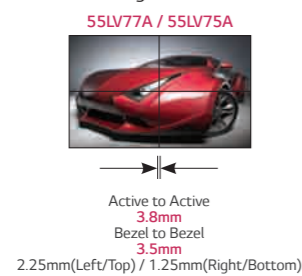
- Direct LED
- 700 cd/m²
- 3.5mm (B-to-B)
- DP1.2 Daisy Chain
- 24/7 Operation
- Landscape/Portrait Mode
- Compatible with SuperSign V S/W

*Release in May, 2014



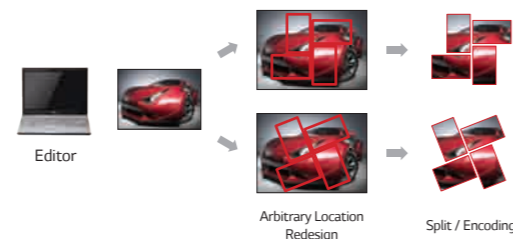
The Narrowest Bezel of LG Video Wall Display

Bezel width of 4.9mm in 47" and 3.5mm in 55" Super-Narrow Bezel display creates visually stunning video wall that is easily installed, maintained and managed.



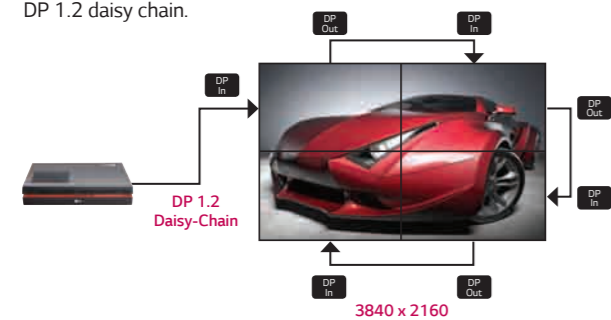
SuperSign V Content Management S/W

Flexible content editing in various layouts including regular matrix and non-formal irregular video-wall is possible to your preference in a timely and cost effective manner without unnecessary expensive video wall console.



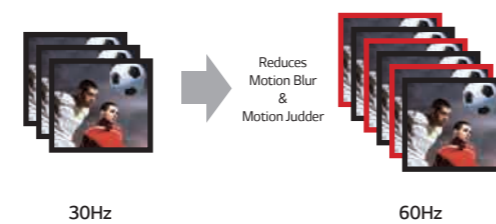
DisplayPort 1.2 Daisy-Chain

Display of super high resolution UHD content in video wall through DP 1.2 daisy chain.



TruMotion™'s 60Hz Refresh Rate

TruMotion™'s 60Hz refresh rate reduces motion blur and judder, as a result, ensures customer to enjoy clean video content.



55" 3.5mm BEZEL VIDEO WALL

LV75A

- Direct LED
- 500 cd/m²
- 3.5mm (B-to-B)
- DP1.2 Daisy Chain
- 24/7 Operation
- Landscape/Portrait Mode
- Compatible with SuperSign V S/W

*Release in April, 2014



Super-Narrow Bezel Premium Display

LG's near-seamless video wall solutions make various formats of display possible. It can be extended easily, allowing you to generate effective attraction.

55" SUPER-NARROW 5.3mm BEZEL VIDEO WALL

55" 3D VIDEO WALL 55WV70MD

- Direct LED
- FHD
- 450 cd/m² (2D mode)
170 cd/m² (3D mode)
- 5.3mm (B-to-B)
- 24/7 Operation
- Landscape Mode
- Tile Mode (15 x 15)
- Compatible with SuperSign V S/W



55" HIGH-BRIGHTNESS 5.3mm BEZEL VIDEO WALL 55WV70MS

55" 5.3mm BEZEL VIDEO WALL 55WV70BS

- Direct LED
- FHD
- 800 cd/m² (55WV70MS) 500 cd/m² (55WV70BS)
- 5.3mm (B-to-B)
- 24/7 Operation
- Landscape/Portrait Mode
- Tile Mode (15 x 15)
- Compatible with SuperSign V S/W



47" SUPER-NARROW 4.9mm BEZEL VIDEO WALL

47" HIGH-BRIGHTNESS 4.9mm BEZEL VIDEO WALL 47WV50MS

- Direct LED
- FHD
- 800 cd/m²
- 4.9mm (B-to-B)
- 24/7 Operation
- Landscape/Portrait Mode
- Compatible with SuperSign V S/W



47" 4.9mm BEZEL VIDEO WALL 47WV50BR

- Direct LED
- FHD
- 500 cd/m²
- 4.9mm (B-to-B)
- 24/7 Operation
- Landscape/Portrait Mode
- Compatible with SuperSign V S/W



The Brightest Display for Outdoor Usage

With the excellent readability and wonderful color expression LG's outdoor signage is perfectly fit for advertising in outdoor space influenced easily by the temperature and weather.



47" THE BRIGHTEST 2,000 cd/m² OUTDOOR DISPLAY WITH SHINE-OUT 47WX50MF

- FHD
- 2,000 cd/m²
- Open Frame
- 24/7 Operation
- Shine-out
- Landscape/Portrait support



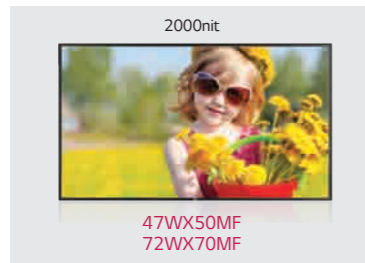
72" THE BRIGHTEST 2,000 cd/m² OUTDOOR DISPLAY 72WX70MF

- FHD
- 2,000 cd/m²
- Open Frame
- Manual/Auto Brightness Sensor
- Sustain 2,000 nits for 5.1 yrs
- 0°~50° Operation Temperature
- SNMP Support (available in 2014)
- 24/7 Operation
- Landscape/Portrait Mode



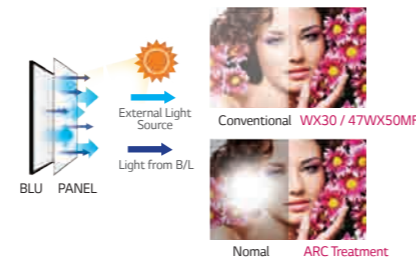
High Brightness

The high visibility of super high brightness display maintains high picture quality and the image's readability even under direct sunlight.



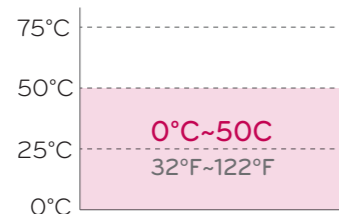
Shine-out (Only available for 47WX50 and WX30 Series)

Perfect fit for window display by reflecting away the sunlight providing better image visibility and clearer display even under direct sunlight.



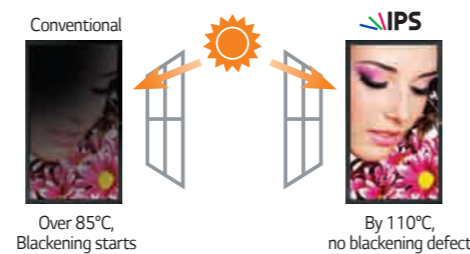
High Operating Temperature in 72WX70MF

Enhanced resistance to outdoor temperature between 0°C and 50°C reduces the use of conventional active cooling.



High Reliability

LG's IPS Premium Display assures No Gravity Defect in both landscape and portrait orientations and until screen surface temperature rises above 110°, it presents crystal clear images without hot spots.



42"/47"/55" HIGH-BRIGHTNESS 700 cd/m² SEMI-OUTDOOR DISPLAY WITH SHINE-OUT WX30MW

- FHD
- 700 cd/m²
- 24/7 Operation
- Shine-out
- Landscape/Portrait Mode



Smarter Multi-Touch Experience

LG's touch technology provides smooth and accurate 10-points multi-touch with precision for your interactive needs.



LG'S IR-SPREAD BASED 10-POINTS MULTI-TOUCH DISPLAY

42"/47"/55" GHOST-FREE TOUCH DISPLAY

WT30

84" GHOST-FREE TOUCH DISPLAY

WT70MS

84" GHOST-FREE TOUCH INTERACTIVE WHITE BOARD DISPLAY

WT70PS

- LG's IR Spread based
- Windows XP (1Point) / Windows 7 (10 Point)
- Protection Glass
- Anti-Fog/Anti-Glare
- Landscape/Portrait Mode
- Compatible with MP700 Player in 84WT70MS(PS)
- IWB S/W, Pen and Pen Tray for WT70PS



84" World's Largest ULTRA HD Multi Touch Signage

The only ULTRA HD-based (3,840 x 2,160) touch screen displaying clear & sharp resolution contents in real life picture quality.



Ghost Free Multi-Touch Experience

When touching the screen, it is possible to express your writing or drawing with 'No Ghosting' for clean & seamless navigation.



Competitor Ghosting

LG Ghost-free

10-Points Multi-Touch Experience

It provides a more realistic sense of touch since it can recognize up to 10 simultaneous touches at once with no need of a separate pen.



2 - 6 Point Competitor

10 Point LG

Highly Reliable Touch Experience

- Protection Glass with Anti Fog / Anti-Glare
- Ghost Free Multi-touch
- * IR Spread : LG's own multi-touch technology



42"/47" IR-SPREAD BASED 10-POINTS MULTI-TOUCH PREMIUM DISPLAY

LT55A

- LG's IR Spread based
- Windows XP (1Point) / Windows 7 (10 Point)
- Protection Glass
- Anti-Fog/Anti-Glare
- Compatible with MP500 Player
- 24/7 Operation
- Portrait / Landscape Mode

*Release in February, 2014



The Space Saving Stretched Display

Stretched display has a wide range of applications. With great space efficiency from its wide screen, it's possible to display information and advertisements at the same time.



29" 21:9 ULTRAWIDE DISPLAY 29WR30MR

- 2,560 x 1,080
- 300 cd/m²
- 21:9 Ultra Wide Aspect Ratio



29" 21:9 Immersive Cinematic View

21:9 UltraWide aspect ratio is better suited to cinema screen, provided greater immersion in the movie without the affect of "letter boxing".

29WR30 21:9

Conventional 16:9



29" Ultra Wide for Various Screen Utilization

With the multi screen function you can display a 16:9 conventional movie without distortion and display information in a 5:9 ratio, simultaneously. When you display two 4:3 contents the screen splits in half, with minimal distortion.

• 16:9 zone for movie streaming



• 5:9 zone for information noticing



Easy 21:9 Contents Creation

SuperSign S/W, which is offered with LG Media Player as a bundle, supports 21:9 contents creation.



Maximize Space Utilization

Even in a restricted space, such as a store shelf or low ceiling interior, 29" & 38" Stretched can boast eye-catching effects with high efficient without obstructing movement of human traffic.



Station

Convenience Store

Reception

38" STRETCHED DISPLAY 38WR50MS

- 1,920 x 502
- 500 cd/m²
- 16 : 4 Aspect Ratio



Clear Transparent & True Color Expression

With an IPS panel transparent display provides a superb wide viewing angle and accurate color while creating better clarity for an effective advertising showcase.



47" NARROW-BEZEL TRANSPARENT LCD 47TS50MF

- FHD
- Narrow T-Con
- Portrait & Landscape Mode
- Transparency 6.4%
- Color Gamut 72%
- Bezel width 39.95mm(T), 17.5mm (L/R/B)
- Compatible with AD board box TSP500
- LVDS coaxial cable



High Visibility

Full HD (47TS50MF)

High picture quality with 1,920 x 1,080 resolution



Superior Color Gamut

With Superior Color Gamut, 47TS50MF presents more clearer image.



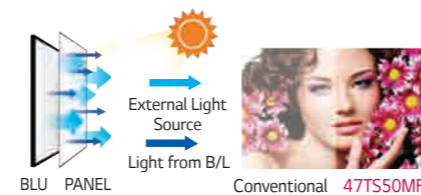
True Color (IPS)

LG IPS technology provides true vivid color than conventional display.



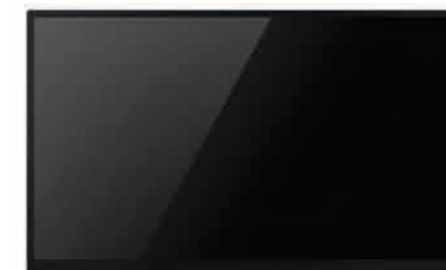
Shine-Out (47TS50MF)

Perfect fit for window display by reflecting away the light for best image visibility and clearer display in bright lightening environment.



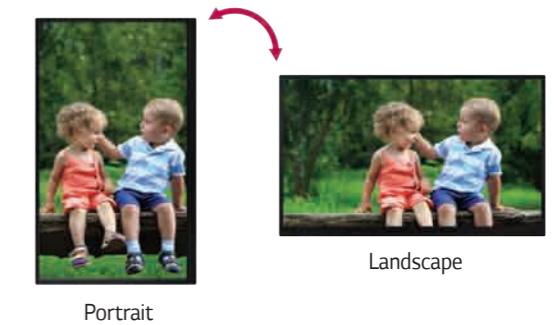
Open Frame

Fits to any customer's needs and circumstances and with its open frame, it can be designed at an affordable price.



Landscape & Portrait

Flexible usage in landscape or portrait orientation



PREMIUM DOCKING-TYPE PLAYER

MP700

- Intel® Core i5-3610ME 2.7 GHz (Dual Core)
Intel® Core i7-3610QE 2.3 GHz (Qual Core)
- Mobile Intel® QM77
- Windows Embedded Standard 7 Professional (64bit)
- Full HD x 4 or Ultra HD x 1
- Maximum Resolution 3,840 x 2,160 @ 30 Hz



PREMIUM DOCKING-TYPE PLAYER

MP500

- Intel Celeron P4500 Processor 1.86 GHz (Dual Core)
Intel Core i5-520M Processor 2.40 GHz (Dual Core)
- Windows Embedded Standard, Windows7 Embedded
- Full HD x 2
- Maximum Resolution 2,560 x 1,600 @ 60 Hz (DP) Maximum Resolution 1,920 x 1,200 @ 60 Hz (HDMI)



EXTERNAL COMPETITIVE PLAYER

NA1000

- Intel Core i7
- FHD content Support



EXTERNAL COMPETITIVE PLAYER

NA1100

- Intel Core i5-520M Processor 2.40 GHz (Dual Core)
- Windows Embedded Standard, Windows7 Embedded
- Full HD x 2
- Maximum Resolution 1,920 x 1,080 @ 60 Hz
DISPLAY OUT: DP/D-SUB/HDMI



EXTERNAL FANLESS COMPETITIVE PLAYER

MP500-F

- Bay-Trail M based
- *Release in April, 2014



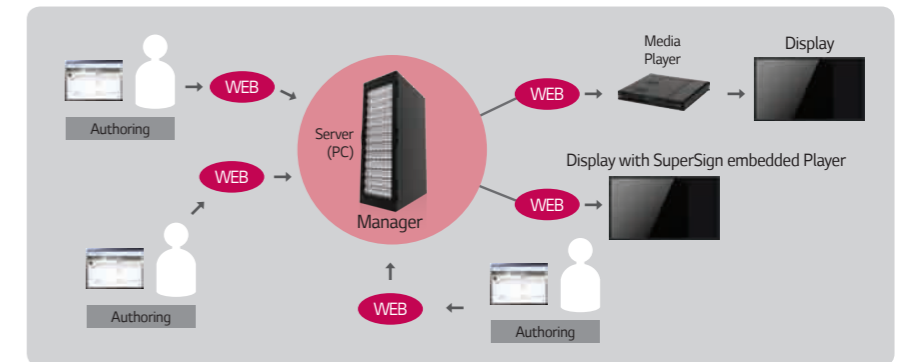
WEB-BASED CONTENTS AUTHORIZING AND OPERATION SOLUTION PLAYER

SuperSign Lite

- Offered as a bundle with LG's external player and SuperSign embedded player
- Connections up to 50 clients
- Solution suitable for SMB
- Supports dual content editor in both PC app and web

SuperSign W

- Licensed version
- Connections up to 1,000 clients
- Solution suitable for Enterprise
- Multi-User Account Management
- Supports dual content editor in both PC app and web

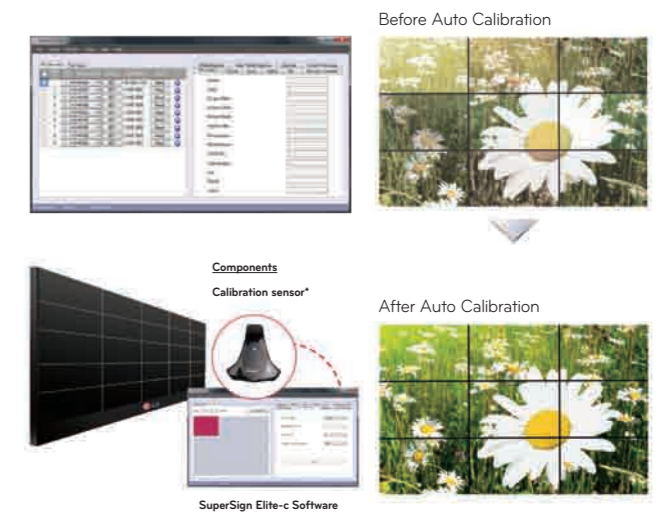


You can easily create, schedule and distribute the contents you want with various templates provided by SuperSign Lite and SuperSign W.

Monitor Control & Auto Calibration S/W

SuperSign C

- Remote Monitor Control Solution
- Enhanced Auto Calibration
- More accurate color adjustment in 2-3 minutes

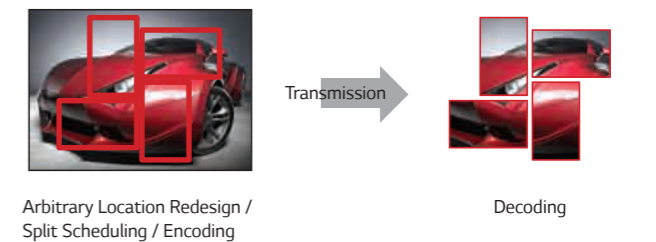


SuperSign C allows to control one or more monitors remotely via network and RS232 serial. To ensure the best optimized wall solution, Auto White Balance feature makes video wall be adjusted easily and intelligently.

Video Wall Content Management S/W

SuperSign V

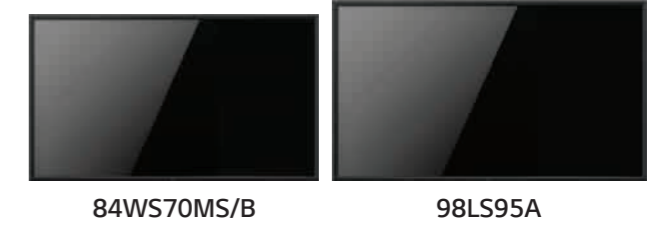
- Licensed version
- Content Split/Compression for Regular Matrix & Non-formal Irregular Video Wall Layouts
- Connections up to 1,000 clients
- Synchronized content playback



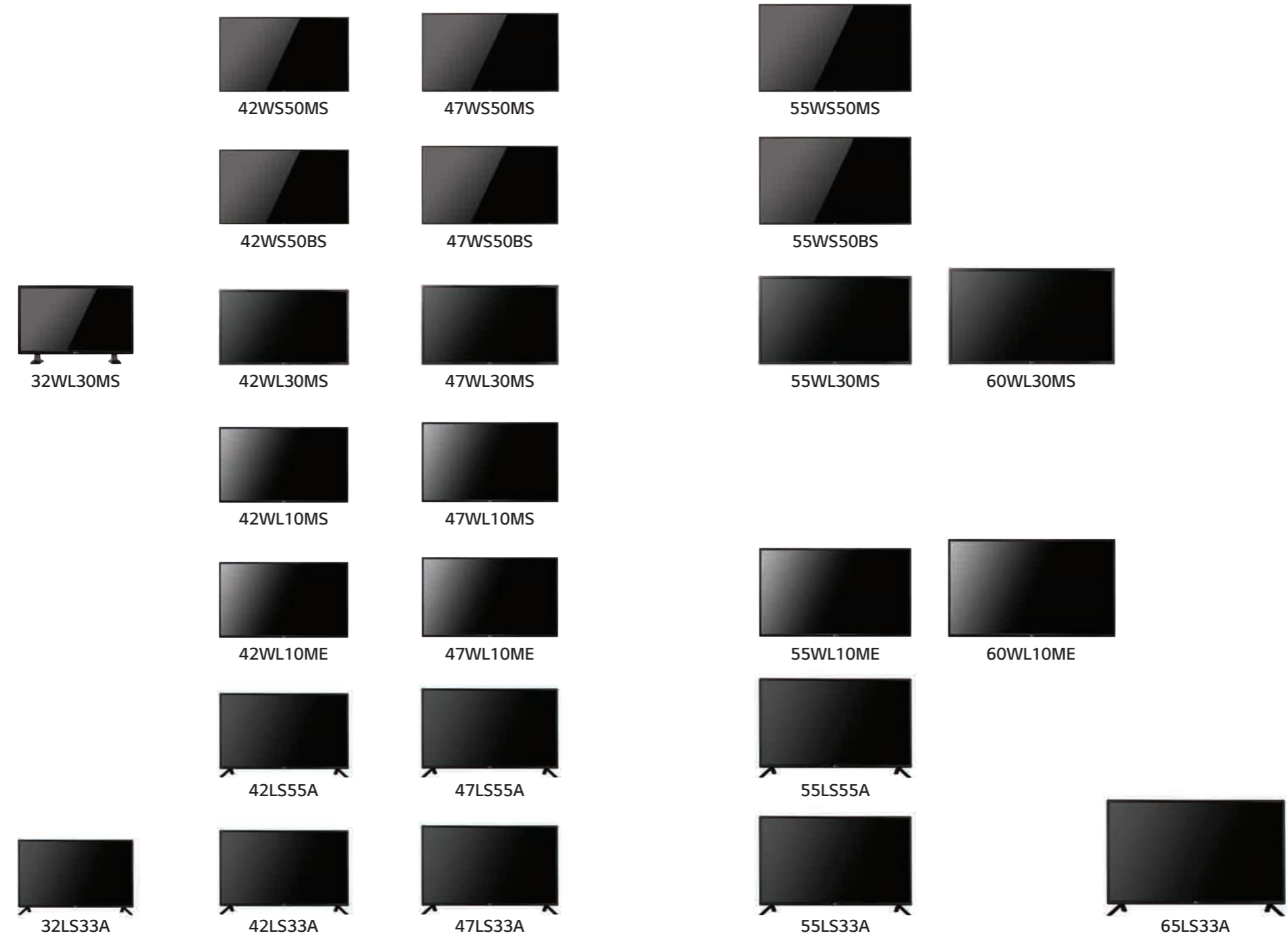
SuperSign V allows Content Split and Compression for various layouts

32" 42" 47" 55" 60" 65" 84" 98"










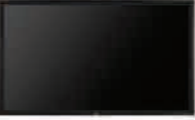







**ULTRA-LARGE SCREEN
4K ULTRA HD**
WS70 SERIES | LS95A



SLIM DESIGN SIGNAGE
WS50 SERIES
WL SERIES
LS55A SERIES
LS33A SERIES



*98LS95A available in September, 2014
 *LS55A available in June, 2014
 *32/42/47/55LS33A available in May, 2014
 *65LS33A available in July, 2014

	29"	38"	42"	47"	55"	72"	84"
VIDEO WALL WV SERIES LV SERIES				 47WV50MS 47WV50BR	 55WV70MD 55WV70MS 55WV70BS  55LV77A 55LV75A		
OUTDOOR WX SERIES			 42WX30MW	 47WX50MF  47WX30MW	 55WX30MW	 72WX70MF	
MULTI-TOUCH WT SERIES LT SERIES			 42WT30  42LT55A	 47WT30  47LT55A	 55WT30		 84WT70PS 84WT70MS
STRETCHED DISPLAY WR SERIES	 29WR30MR	 38WR50MS					
TRANSPARENT TS SERIES				 47TS50MF			

SPECIFICATIONS

ULTRA-LARGE SCREEN

SLIM DESIGN DISPLAY

		84WS70MS(BS)	WS50MS(BS)	WL30MS
PANEL	Screen Size	84"	42" / 47" / 55"	32" / 42" / 47" / 55" / 60"
	Panel Technology	IPS	IPS	IPS
	Aspect Ratio	16 : 9	16 : 9	16 : 9
	Native Resolution	3,840 x 2,160 (UHD)	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)
	Brightness	84WS70MS : 500cd/m ² , 84WS70BS : 350cd/m ²	WS50MS : 700cd/m ² , WS50B : 450cd/m ²	32"/42"/47"/60" : 400cd/m ² , 55" : 350cd/m ²
	Contrast Ratio	1,400 : 1	1,300 : 1	1,300 : 1 (32") / 1,000 : 1 (42"/47"/55"/60")
	Dynamic CR	500,000 : 1	500,000 : 1	500,000 : 1
	Viewing Angle (H x V)	178 x 178	178 x 178	178 x 178
	Response Time	12 ms (G to G)	42" / 47" : 12 ms (G to G), 8ms (G to G, WOT) 55" : 12ms (G to G)	32" : 25 ms (G to G), 16ms (G to G, WOT) 42"/47"/60" : 9ms (GTG BW), 55" : 8ms (GTG BW)
	CONNECTIVITY	Input	HDMI(2), DVI-D(1), Display Port(1) with HDCP for all input	HDMI(1), DVI-D(1), Display Port(1) with HDCP for all input
Digital				
Analog		RGB(1), Composite(1)	Component(1), Composite(1), RGB(1) (Shared with D-Sub)	32" : RGB(1), Shared Component(1), AV(1) 42"/47"/55"/60" : RGB(1)
Audio		RGB/DVI-D/AV	RGB / DVI-D / AV / Component (3.5Ø 1)	32" : RGB/DVI-D(3.5Ø 1) 42"/47"/55"/60" : RGB/DVI-D/Component(3.5Ø 1)
External Control		RS232C(1), RJ45(1), IR(1, Internal)	RS232C(1), RJ45(1), IR(1)	32" : RS232C(1), RJ45(1) 42"/47"/55"/60" : RS232C(1), RJ45(1), IR(1)
USB		USB 2.0 x 2	Yes(1)	Yes
Output				
Digital		DVI-D(1)	DVI-D(1)	32" : No, 42"/47"/55"/60" : DVI-D(1)
Analog		RGB(1)	Component(1), Composite(1), RGB(1) (Shared with D-Sub)	No
Audio		Yes(1), Line out(1)	External Speaker	32" : External Speaker, 42"/47"/55"/60" : No
External Control		RS232C(1), IR(1, Internal)	RS232C(1), IR(1)	RS232C(1)
Audio				
Auto Volume		No	No	No
Balance		Yes	Yes	Yes
Audio Power		20W(10W x 2)	20W(10W x 2)	20W(10W x 2)
Speaker On/Off	Yes	Yes	Yes	
Clear Voice II	Yes	Yes	Yes	
Sound mode	Standard, Music, Cinema, Sports, Game, Vivid, User Setting	Standard, Music, Cinema, Sports, Game	Standard, Music, Cinema, Sports, Game	
PHYSICAL SPECIFICATION	Bezel Width	27.9mm	42" / 47" : 11.5mm / 55" : 11.2mm	32" : 18.9mm(T/L/R), 26mm(B) 42"/47"/55"/60" : 13.4mm(T/L/R), 18mm(B)
	Monitor Dimension (W x H x D)	192.3cm x 110.9cm x 5.1cm (Including Handle : 10.1cm)	42" : 96.16cm x 55.45cm x 3.19cm 47" : 107.18cm x 61.6cm x 3.1cm 55" : 124.2cm x 71.3cm x 3.1cm	32" : 74.04cm x 44.2cm x 3.56cm 42" : 96.34cm x 56.2cm x 7.9cm 47" : 107.5cm x 62.48cm x 8.45cm 55" : 124.44cm x 71.99cm x 8.23cm 60" : 135.38cm x 78.14cm x 6.83cm
	Weight (head)	84WS70MS : 72.9kg 84WS70BS : 72.8kg	42" : 13.7kg, 47" : 15.7kg, 55" : 23.5kg	32" : 7.9kg / 42" : 9.04kg / 47" : 12.3kg / 55" : 18.06kg / 60" : 23.12kg
	Carton Dimensions (W x H x D)	203.4cm x 121.3cm x 31.4cm	42" : 108.5cm x 74.0cm x 12.5cm, 47" : 119.7cm x 77.0cm x 14.0cm, 55" : 132.4cm x 85.8cm x 15.9cm	32" : 80.5cm x 59.0cm x 11.5cm 42" : 105.0cm x 16.0cm x 70.0cm 47" : 118.0cm x 16.5cm x 77.0cm 55" : 134.5cm x 19.1cm x 87.0cm 60" : 146.5cm x 19.1cm x 93.2cm
	Packed Weight	84WS70MS : 87.2kg 84WS70BS : 87.1kg	42" : 17.2kg, 47" : 19.4kg, 55" : 28.5kg	32" : 9.8kg / 42" : 13.6kg / 47" : 17.0kg / 55" : 24.5kg / 60" : 30.0kg
	VESA™ Standard Mount Interface	600mm x 400mm	400mm x 400mm	32"/42" : 200mm x 200mm 47"/55"/60" : 400mm x 400mm(M6)
	ENVIRONMENT	Operation Temperature 0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C
	POWER	Operation Humidity 10% to 80%	10% to 80%	10% to 80%
	Power Supply	100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz
	Power Consumption	Typical / Smart Energy Saving 350W / 200W	42" : 115W / 75W, 47" : 120W / 85W, 55" : 130W / 90W	32" : 65W / 45W 42" : 90W / 60W 47" : 100W / 70W 55" : 140W / 110W 60" : 180W / 150W
DPMS	1.5W	42" / 47" : 1W(Set Only), 2W(With External Device) 55" : 0.7W	32" : 0.5W, 42"/47"/55"/60" : 0.7W(DP)	
Power Off	0.5W	0.5W	0.5W	
STANDARD	Safety UL / cUL / CB scheme / TUV	UL / cUL / CB scheme / TUV	UL / cUL / CB scheme / TUV	
EMC	FCC Class "A" / VCCI / C-tick / CE / KCC	FCC Class "A" / VCCI / C-tick / CE / KCC	FCC Class "A" / VCCI / C-tick / CE / KCC	
ErP / Energy Star	Yes / No	Yes / Yes(Energy Star 6.0)	Yes / Yes(Energy Star 6.0)	
MEDIA PLAYER COMPATIBILITY	Slot PC Compatible (optional) Yes (MP500, MP700)	Yes	No	
External Media player Attachable	No	No	Yes (NA1100/NA1000)	
SOFTWARE COMPATIBILITY	SuperSign W/C No / Yes	Yes / Yes	Yes / Yes	
ACCESSORY	Included		32" : Remote Controller, Power Cable, RGB Cable, Manual, ESG 42"/47"/55"/60" : Remote Controller (including 2ea battery), Power Cord, IR Receiver, CD(Owner's Manual, SuperSign Program / Manual), ESG, RGB Cable, Mounting Cable Tie, Magnetic Tape x 3	
Optional	Media Player, MP700/MP500, SP-2000, LSW630	AP-WX60, AP-WX70(Wall Mount), SP-2000(Speaker), ST-200T(Stand), MP500(Media Player)	32" : LSW 200, SP-2000, ST-320T 42" : ST-420T, SP-2100, LSW230B 47" : ST-470T, SP-2100, LSW430B 55"/60" : ST-550T, SP-2100, LSW430B	

		WL10MS	WL10ME	LS55A(available in June)	LS33A(available in May)
PANEL	Screen Size	42" / 47"	42" / 47" / 55" / 60"	42" / 47" / 55"	32" / 42" / 47" / 55" / 65"
	Panel Technology	IPS	IPS	IPS	IPS
	Aspect Ratio	16 : 9	16 : 9	16 : 9	16 : 9
	Native Resolution	1,920 x 1,080 (UHD)	1,920 x 1,080 (UHD)	1,920 x 1,080 (UHD)	1,920 x 1,080 (UHD)
	Brightness	400cd/m ²	42"/47"/60" : 400cd/m ² 55" : 350cd/m ²	450cd/m ²	32"/42"/47" : 300cd/m ² 55" : 330cd/m ² , 65" : 350cd/m ²
	Contrast Ratio	1,000 : 1 (42") / 1,200 : 1 (47")	1,000 : 1 (42"/55"/60") / 1,200 : 1 (47")	1,200 : 1 (TBD)	1,200 : 1 (TBD)
	Dynamic CR	500,000 : 1	500,000 : 1	500,000 : 1	500,000 : 1
	Viewing Angle (H x V)	178 x 178	178 x 178	178 x 178	178 x 178
	Response Time	42" : 6ms (GTG BW) 47" : 9ms (GTG BW)	42" : 6ms (GTG BW), 47" : 9ms (GTG) 55" : 8ms (GTS BW) 60" : 9ms (GTG BW)	9ms (GTG BW) (TBD)	9ms (GTG BW) (TBD)
	CONNECTIVITY	Input	HDMI(1), DVI-D(1), RGB(1)	HDMI(1), DVI-D(1), HD-SDI(Ready) RGB(1)	HDMI(1), DP(1), DVI-D(1)
Digital					
Analog		RGB/DVI-D/Component(3.5Ø 1)	RGB/DVI-D/Component(3.5Ø 1)	DVI(3.5Ø 1)	RGB/Component(3.5Ø 1)
Audio		RS232C(1), RJ45(1), IR(1)	RS232C(1), RJ45(1), IR(1)	RS232C(1), RJ45(1), IR/Light Sensor(1)	RS232C(1), RJ45(1), IR(1)
External Control		Yes	Yes	Yes	Yes
USB		Yes	Yes	Yes	Yes
Output					
Digital		DVI-D(1)	DVI-D(1)	DP(1)	HDMI(1) (Only 65")
Analog					
Audio		Yes(1)	Yes(1)	External Speaker(1)	Yes(1)
External Control		RS232C(1), IR(1)	RS232C(1), IR(1)	RS232C(1)	RS232C(1)
Audio					
Auto Volume		No	No	No	No
Balance		Yes	Yes	Yes	Yes
Audio Power		20W(10W x 2)	20W(10W x 2)	20W(10W x 2)	20W(10W x 2)
Speaker On/Off	Yes	Yes	Yes	Yes	
Clear Voice II	Yes	Yes	Yes	Yes	
Sound mode	Standard, Music, Cinema, Sports, Game	Standard, Music, Cinema, Sports, Game	Standard, Music, Cinema, Sports, Game	Standard, Music, Cinema, Sports, Game	
PHYSICAL SPECIFICATION	Bezel Width	42" : 14.8mm(T/L/R), 19.4mm(B) 47" : 15.3mm(T/L/R), 19.9mm(B)	42" : 14.8mm(T/L/R), 19.4mm(B) 47" : 15.3mm(T/L/R), 19.9mm(B) 55"/60" : 13.4mm(T/L/R), 18.0mm(B)	42"/47" : 13.1mm(T/L/R), 18.6mm(B) 55" : 13.3mm(T/L/R), 18.8mm(B)	32" : 14.6mm(T), 15.1mm(L/R), 18.6mm(B) 42"/47" : 13.1mm(T/L/R), 18.6mm(B) 55" : 13.3mm(T/L/R), 18.8mm(B), 65" : TBD
	Monitor Dimension (W x H x D)	42" : 96.2cm x 56.0cm x 7.7cm 47" : 107.4cm x 62.4cm x 7.8cm	42" : 96.2cm x 56.0cm x 7.7cm 47" : 107.4cm x 62.4cm x 7.8cm 55" : 124.44cm x 77.02cm x 8.23cm 60" : 135.38cm x 78.14cm x 6.83cm	42" : 96.0cm x 56.0cm x 5.5cm 47" : 107.0cm x 62.0cm x 5.58cm 55" : 123.8cm x 71.2cm x 5.68cm	42" : 96.0cm x 56.0cm x 5.5cm 47" : 107.0cm x 62.0cm x 5.58cm 55" : 123.8cm x 71.2cm x 5.68cm 65" : 146.0cm x 84.0cm x TBD cm
	Weight (head)	42" : 12.8kg / 47" : 15.5kg	42" : 12.8kg / 47" : 15.5kg / 55" : 18.06kg / 60" : 23.12kg	42" : 9.0kg(TBD) / 47" : 12.1kg(TBD) / 55" : 17.6kg(TBD)	32" : 5.6kg(TBD) / 42" : 9.0kg(TBD) / 47" : 12.1kg(TBD) / 55" : 17.6kg(TBD) / 65" : TBD
	Carton Dimensions (W x H x D)	42" : 105.0cm x 70.0cm x 16.0cm 47" : 118.0cm x 77.0cm x 16.5cm	42" : 105.0cm x 70.0cm x 16.0cm 47" : 118.0cm x 77.0cm x 16.5cm 55" : 134.5cm x 19.1cm x 87.0cm 60" : 146.5cm x 19.1cm x 93.2cm	42" : 106.0cm x 66.0cm x 15.2cm 47" : 115.0cm x 71.0cm x 15.2cm 55" : 133.0cm x 81.0cm x 17.4cm	32" : 81.6cm x 51.0cm x 15.2cm 42" : 106.0cm x 66.0cm x 15.2cm 47" : 115.0cm x 71.0cm x 15.2cm 55" : 133.0cm x 81.0cm x 17.4cm 65" : TBD
	Packed Weight	42" : 16.1kg / 47" : 19.4kg	42" : 16.1kg / 47" : 19.4kg / 55" : 24.5kg / 60" : 30.0kg	42" : 11.1kg(TBD) / 47" : 15.8kg(TBD) / 55" : 22.0kg(TBD)	32" : 6.8kg(TBD) / 42" : 11.1kg(TBD) / 47" : 15.8kg(TBD) / 55" : 22.0kg(TBD) / 65" : TBD
	VESA™ Standard Mount Interface	42" : 200mm x 200mm 47" : 400mm x 400mm	42" : 200mm x 200mm 47"/55"/60" : 400mm x 400mm(M6)	400mm x 400mm	32" : 200mm x 200mm 42"/47"/55"/65" : 400mm x 400mm
	ENVIRONMENT	Operation Temperature 0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C
	POWER	Operation Humidity 10% to 80%	10% to 80%	10% to 80%	10% to 80%
	Power Supply	100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz
	Power Consumption	Typical / Smart Energy Saving 42" : 90W / 60W 47" : 95W / 65W	42" : 90W / 60W 47" : 95W / 65W 55" : 140W / 110W 60" : 180W / 150W	42" : 90W / 65W (TBD) 47" : 95W / 70W (TBD) 55" : 120W / 85W (TBD)	32" : 45W / 28W (TBD) 42" : 65W / 38W (TBD) 47" : 80W / 65W (TBD) 55" : 85W / 67W (TBD) 65" : 200W / 140W (TBD)
DPMS	0.5W(RGB), 0.7W(DVI-D,HDMI)	42"/47" : 0.5W(RGB), 0.7W(DVI-D,HDMI) 55"/60" : 0.7W(DP)	0.7W(DVI-D, HDMI, DP)	0.5W(RGB), 0.7W(HDMI)	
Power Off	0.5W	0.5W	0.5W	0.5W	
STANDARD	Safety UL / cUL / CB scheme / TUV	UL / cUL / CB scheme / TUV	CCC	UL / cUL / CB / TUV / KC	
EMC	FCC Class "A" / VCCI / C-tick / CE / KCC	FCC Class "A" / VCCI / C-tick / CE / KCC	CCC	FCC Class "A" / CE / KCC	
ErP / Energy Star	Yes / Yes(Energy Star 6.0)	Yes / Yes(Energy Star 6.0)	No	Yes / Yes(Energy Star 6.0)	
MEDIA PLAYER COMPATIBILITY	Slot PC Compatible (optional) No	No	No	No	
External Media player Attachable	Yes (NA1100/NA1000)	Yes (NA1100/NA1000)	Yes (MP500/MP700)	32" : No 42"/47"/55"/65" : Yes(MP500/MP700)	
SOFTWARE COMPATIBILITY	SuperSign W/C Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	
ACCESSORY	Included	Remote Controller (including 2ea battery), Power Cord, IR Receiver, CD(Owner's Manual, SuperSign Program / Manual), ESG, RGB Cable, Mounting Cable Tie	Remote Controller (including 2ea battery), Power Cord, IR Receiver, CD(Owner's Manual, SuperSign Program / Manual), ESG, RGB Cable, Mounting Cable Tie, Magnetic Tape	Remote Controller (include battery 2ea), Power Cord, IR receiver, CD(Owner's Manual, SuperSign Program / Manual), HDMI Cable	
Optional	SP-2000, ST-200T, LSW230	42" : SP-2000, ST-200T, LSW230 47" : SP-2000, ST-200T, LSW430 55"/60" : ST-550T, SP-2100, LSW430B	42" : SP-2100, ST-421T, LSW440S 47"/55" : SP-2100, ST-471T, LSW440S	32" : SP-2100, ST-321T, LSW240S 42" : SP-2100, ST-421T, LSW440S 47"/55" : SP-2100, ST-471T, LSW440S 65" : SP-2100, ST-651T, LSW440S	

SPECIFICATIONS

VIDEO WALL							OUTDOOR						MULTI-TOUCH								
PANEL	55WV70MD		55WV70MS(BS)		47WV50MS(BR)		LV77A / LV75A		47WX50MF		72WX70MF		WX30MW		WT30		WT70MS(PS)		LT55A (available in February)		
	Screen Size	55"		55"		47"		55"		47"		72"		42" / 47" / 55"		42" / 47" / 55"		84"		42" / 47"	
Panel Technology	IPS		IPS		IPS		IPS		IPS		IPS		IPS		IPS		IPS		IPS		
Aspect Ratio	16 : 9		16 : 9		16 : 9		16 : 9		16 : 9		16 : 9		16 : 9		16 : 9		16 : 9		16 : 9		
Native Resolution	1,920 x 1,080 (FHD)		1,920 x 1,080 (FHD)		1,920 x 1,080 (FHD)		1,920 x 1,080 (FHD)		1,920 x 1,080 (FHD)		1,920 x 1,080 (FHD)		1,920 x 1,080 (FHD)		1,920 x 1,080 (FHD)		3,840 x 2,160 (FHD)		1,920 x 1,080 (FHD)		
Brightness	450cd/m ² (2D), 170cd/m ² (3D)		55WV70MS : 800cd/m ² 55WV70BS : 500cd/m ²		47WV50MS : 800cd/m ² (3D) 47WV50BR : 500cd/m ² (3D)		LV77A : 700cd/m ² LV75A : 500cd/m ²		2000cd/m ²		2000cd/m ²		700cd/m ²		42"/47" : 400cd/m ² Typ 55" : 350cd/m ² Typ		350cd/m ² Typ		450cd/m ² (380cd/m ² With Glass Haze 5%)		
Contrast Ratio	1,400 : 1		1,400 : 1		1,400 : 1		1,400 : 1		1,300 : 1		1,200 : 1		1,300 : 1		1,000 : 1		1,400 : 1		1,300 : 1		
Dynamic CR	500,000 : 1		500,000 : 1		500,000 : 1		500,000 : 1		500,000 : 1		500,000 : 1		500,000 : 1		500,000 : 1		500,000 : 1		500,000 : 1		
Viewing Angle (H x V)	178 x 178		178 x 178		178 x 178		178 x 178		178 x 178		178 x 178		178 x 178		178 x 178		178 x 178		178 x 178		
Response Time	10ms(G to G), 8ms(G to G, WOT)		10ms(G to G), 8ms(G to G, WOT)		12ms(Typ.)		12ms(G to G)		10ms(G to G), 8ms(G to G, WOT)		Typ 12ms		42"/47" : 12ms (GTG), 8ms (GTG, WOT), 55" : 12ms(GTG)		6ms (GTG)		12ms (GTG)		12ms (GTG)		
CONNECTIVITY	Input	DVI-D(1), HDMI(1), Display Port(1) with HDCP for all input		DVI-D(1), HDMI(1), Display Port(1) with HDCP for all input		DVI-D(1), HDMI(1) with HDCP for all input, Display Port(1)		DVI-D(1), HDMI(1), Display Port(1) with HDCP for all input		HDMI(1), DVI-D(1), Display Port(1) with HDCP for all Input		HDMI(1), DVI-D(1), Display Port(1) with HDCP for all Input		HDMI(1), DVI-D(1), DP(1)		HDMI(2), DVI-D(1), Display Port(1) with HDCP for all input		HDMI(1), DVI-D(1), Display Port(1) with HDCP for all input			
	Digital	DVI-D(1), HDMI(1), Display Port(1) with HDCP for all input		DVI-D(1), HDMI(1), Display Port(1) with HDCP for all input		DVI-D(1), HDMI(1) with HDCP for all input, Display Port(1)		DVI-D(1), HDMI(1), Display Port(1) with HDCP for all input		HDMI(1), DVI-D(1), Display Port(1) with HDCP for all Input		HDMI(1), DVI-D(1), Display Port(1) with HDCP for all Input		HDMI(1), DVI-D(1), DP(1)		HDMI(2), DVI-D(1), Display Port(1) with HDCP for all input		HDMI(1), DVI-D(1), Display Port(1) with HDCP for all input			
Analog	RGB(1), Shared Component(1), AV(1)		RGB(1), Shared Component(1), AV(1)		RGB(1), Component (RGB Shared), AV(BNC, 1)		RGB(1), Shared Component(1), AV(1)		Component(1), AV(1), RGB(1) (Shared with D-Sub)		Component(1), Composite(1), RGB(1) (Shared with D-Sub)		Component(1), Composite(1), RGB(1) (Shared with D-Sub)		RGB(1) (Shared Component & AV)		RGB(1), Composite(1), RGB(1) (Shared with D-Sub)		Component(1), Composite(1), RGB(1) (Shared with D-Sub)		
Audio	PC Audio in(1)		PC Audio in(1)		PC Audio in(1), AV/Component Audio In(RCA, 1)		PC Audio in(1)		PC/AV/Component Audio in(1)		PC/AV/Component Audio in(1)		PC/AV/Component Audio in(1)		PC/AV/Component Audio in(1)		PC/AV/Component Audio in(1)		PC/AV/Component Audio in(1)		
External Control	RS232C(1), RJ45(1), IR Receiver(1)		RS232C(1), RJ45(1), IR Receiver(1)		RS232C(1), RJ45(1), IR Receiver(1)		RS232C(1), RJ45(1), IR Receiver(1)		RS232C(1), RJ45(1), IR Receiver(1)		RS232C(1), RJ45(1), IR Receiver(1)		RS232C(1), RJ45(1), IR Receiver(1)		RS232C(1), RJ45(1), IR Receiver(1)		RS232C(1), RJ45(1), IR Receiver(1)		RS232C(1), RJ45(1), IR Receiver(1)		
USB	Yes(1)		Yes(1)		Yes(1)		Yes(1)		Yes(1)		Yes(1)		Yes(1)		Yes(2) Contents Playback & Touch Control		USB 2.0 x 2		Yes(1)		
Output	DVI-D(1)		DVI-D(1)		DVI-D(1)		Display Port(1)		DVI-D(1)		DVI-D(1)		DVI-D(1)		No		DVI-D(1)		No		
Digital	DVI-D(1)		DVI-D(1)		DVI-D(1)		Display Port(1)		DVI-D(1)		DVI-D(1)		DVI-D(1)		No		DVI-D(1)		No		
Analog	RGB(1)		RGB(1)		RGB(1)		RGB(1)		Component(1), Composite(1), RGB(1) (Shared with D-Sub)		Component(1), Composite(1), RGB(1) (Shared with D-Sub)		Component(1), Composite(1), RGB(1) (Shared with D-Sub)		No		RGB(1)		No		
Audio	External Speaker(1)		External Speaker(1)		External Speaker(1)		Audio Out(1)		External Speaker		External Speaker		External Speaker		Speaker L/R		Yes(1), Line out(1)		External Speaker		
External Control	RS232C(1)		RS232C(1)		RS232C(1)		RS232C(1)		RS232C		RS232C		RS232C		RS232C(in/out), IR(1)		Main : RS232C(1), IR(1), Internal)		No		
Audio	No		No		No		No		No		No		No		No		No		No		
Auto Volume	No		No		No		No		No		No		No		No		No		No		
Balance	Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes		
Audio Power	20W(10W x 2)		20W(10W x 2)		20W(10W x 2)		No		20W(10W x 2)		20W(10W x 2)		20W(10W x 2)		20W(10W x 2)		20W(10W x 2)		20W(10W x 2)		
Speaker On/Off	Yes		Yes		Yes		No		Yes		Yes		Yes		Yes		Yes		Yes		
Clear Voice II	Yes		Yes		Yes		No		Yes		Yes		Yes		Yes		Yes		Yes		
Sound mode	Standard, Music, Cinema, Sports, Game		Standard, Music, Cinema, Sports, Game		Standard, Music, Cinema, Sports, Game		No		Standard, Music, Cinema, Sports, Game		Standard, Music, Cinema, Sports, Game		Standard, Music, Cinema, Sports, Game		Standard, Music, Cinema, Sports, Game		Standard, Music, Cinema, Sports, Game, Vivid, User Setting		Standard, Music, Cinema, Sports, Game		
Bezel Width	3.4mm(L/T), 1.9mm(R/B)		3.4mm(L/T), 1.9mm(R/B)		3.2mm(L/T), 1.7mm(R/B)		2.3mm(L/T), 1.3mm(R/B)		1.1mm (even Bezel)		29.7mm		42"/47" : 11.5mm 55" : 11.2mm		15mm (L/R/T/B)		34.0mm		25.0mm (TBD)		
Monitor Dimension (W x H x D)	121.5cm x 68.6cm x 9.9cm		121.5cm x 68.6cm x 9.9cm		104.49cm x 59.0cm x 8.99cm		121.34cm x 68.42cm x 8.85cm		107.08cm x 66.55cm x 15.7cm		165.45cm x 95.65cm x 13.95cm		42" : 96.16cm x 55.45cm x 3.19cm 47" : 107.18cm x 61.6cm x 3.1cm 55" : 124.2cm x 71.3cm x 3.1cm		42" : 99.1cm x 58.5cm x 9.5cm 47" : 110.3cm x 64.8cm x 10.1cm 55" : 127.3cm x 74.3cm x 10.0cm		192.3cm x 110.9cm x 10.1cm		42" : 99.09cm x 58.5cm x 7.20cm (TBD) : Head Only, 99.09cm x 58.5cm x 8.50cm (TBD) : Head + MP500 47" : 110.27cm x 64.78cm x 7.12cm (TBD) : Head Only, 110.27cm x 64.78cm x 8.42cm (TBD) : Head + MP500 47" : 118.7cm x 76.5cm x 14.35cm (TBD)		
Weight (head)	33.4kg		33.4kg		18.7kg		23kg		23.9kg		54.5kg		42" : 13.7kg / 47" : 15.7kg / 55" : 23.5kg		42" : 15.9kg / 47" : 20.5kg / 55" : 28.0kg		102.6kg		42" : 21.0kg(TBD) / 47" : 24.0kg(TBD)		
Carton Dimensions (W x H x D)	140.0cm x 80.5cm x 33.0cm		140.0cm x 80.5cm x 33.0cm		118.0cm x 16.5cm x 77.0cm		135.3cm x 85.0cm x 25.5cm (Boxer outer size)		118.2cm x 74.3cm x 26.9cm		177.0cm x 28.5cm x 112.0cm		42" : 108.5cm x 74.0cm x 12.5cm 47" : 119.7cm x 77.0cm x 14.0cm 55" : 132.4cm x 85.8cm x 15.9cm		42" : 105.8cm x 69.5cm x 17.4cm 47" : 118.7cm x 76.5cm x 17.4cm 55" : 135.3cm x 86.8cm x 19.4cm		205.0cm x 126.1cm x 33.0cm		42" : 108.5cm x 74.0cm x 12.5cm (TBD) 47" : 118.7cm x 76.5cm x 14.35cm (TBD)		
Packed Weight	42.4kg		42.4kg		47WV50MS : 23.7kg 47WV50BR : 23.5kg		30kg		29.1kg		64.5kg		42" : 17.2kg / 47" : 19.4kg / 55" : 28.5kg		42" : 19.6kg / 47" : 24.3kg / 55" : 32.7kg		118.0kg		42" : 24.7kg(TBD) / 47" : 27.7kg(TBD)		
VESA™ Standard Mount Interface	600mm x 400mm		600mm x 400mm		600mm x 400mm		600mm x 400mm		N/A		N/A		400mm x 400mm		42" : 200mm x 200mm 47"/55" : 400mm x 400mm		600mm x 400mm (M8)		400mm x 400mm		
ENVIRONMENT	Operation Temperature	0°C ~ 40°C		0°C ~ 40°C		0°C ~ 40°C		0°C ~ 40°C		0°C ~ 40°C		0°C ~ 50°C		0°C ~ 40°C		0°C ~ 40°C		0°C ~ 40°C		0°C ~ 40°C	
POWER	Operation Humidity	10% to 80%		10% to 80%		10% to 90%		10% to 80%		10% to 80%		10% to 80%		10% to 80%		10% to 80%		10% to 80%		10% to 80%	
POWER	Power Supply	100-240V-, 50/60Hz		100-240V-, 50/60Hz		100-240V-, 50/60Hz		100-240V-, 50/60Hz		100-240V-, 50/60Hz		100-240V-, 50/60Hz		100-240V-, 50/60Hz		100-240V-, 50/60Hz		100-240V-, 50/60Hz		100-240V-, 50/60Hz	
	Power Consumption	240W/150W		210W/120W		47WV50MS : 160W/90W 47WV50BR : 150W/80W		160W/90W		240W/120W		1000W/400W		42" : 115W / 75W 47" : 120W / 85W 55" : 130W / 90W		42"/47" : 120W / No 55" : 130W / No		350W/200W		TBD/TBD	
STANDARD	DPMS	1W(Set Only)		1W(Set Only)		0.7W		0.7W		1.0W (Set only)		2.0W		0.7W		0.5W(RGB), 0.7W(DVI-D, HDMI, DP)		1.5W		TBD	
	Power Off	0.5W		0.5W		0.5W		0.5W		0.7W		1.0W		0.5W		0.5W		0.5W		TBD	
STANDARD	Safety	UL / cUL / CB / TUV / KC		UL / cUL / CB / TUV / KC		UL / cUL / CB / TUV / KC		UL / cUL / CB / TUV / KC		UR / cUR / CB Scheme / TUV-Type		UL / cUL / CB Scheme / TUV-Type		UL / cUL / CB Scheme / TUV		UL / cUL / CB Scheme		UL / cUL / CB Scheme / TUV		UL / cUL / CB Scheme / TUV	
	EMC	FCC Class "B" / CE / KCC		FCC Class "B" / CE / KCC		FCC Class "B" / CE / KCC		FCC Class "B" / CE / KCC		FCC Class "A" / CE / KCC		FCC Class "A" / CE / KCC / C-Tick / VCCI		FCC Class "B" / VCCI / C-tick / CE / KCC		FCC Class "A" / VCCI / CE / KCC		FCC Class "A" / VCCI / C-tick / CE / KCC		FCC Class "A" / VCCI / C-tick / CE / KCC	
MEDIA PLAYER COMPATIBILITY	ErP / Energy Star	Yes / Yes(Energy Star 5.1)		Yes / Yes(Energy Star 6.0)		Yes / Yes(Energy Star 6.0)		Yes / Yes(Energy Star 6.0)		No		No		Yes / Yes(Energy Star 6.0)		Yes / Yes(Energy Star 6.0)		Yes / No		Yes / No	
	Slot PC Compatible (optional)	No		No		No		No		Yes		No		No		Yes (NA1100/NA1000)		No		Yes	
SOFTWARE COMPATIBILITY	External Media player Attachable	Yes		Yes		Yes		Yes		No		No		No		Yes		No		No	
	SuperSign W/C	Yes / Yes		Yes / Yes		Yes / Yes		Yes / Yes		Yes / Yes		Yes / Yes		Yes / Yes		Yes / Yes		No / No		Yes / No	
ACCESSORY	Included	Remote Controller, Power Cable, RGB Cable, DVI Cable, Manual, IR Receiver, RS-232C Cable, Tiling Guide, Screw, Ring Core, 3D Glass		Remote Controller, Power Cable, RGB Cable, DVI Cable, Manual, IR Receiver, RS-232C Cable, Tiling Guide, Screw, Ring		Remote Controller, Power Cable, DVI Cable, Manual, IR Receiver, RS-232C Cable, Guide Bracket, Screw		Remote Controller, Power Cable, DP Cable, Manual, IR Receiver, RS-232C Cable, Tiling Guide, Screw		Remote Controller, Power Cable, RGB Cable, Manual		Remote Controller, Power Cable, RGB Cable, Manual, ESG, IR extension cable/PCB, Enclosure installation guide		Remote Controller, Power Cable, RGB Cable, Manual, ESG, IR Receiver		IR Dongle, USB Cable, RGB Cable, CD(Manual&SW), Remocon (with Battery)		D-Sub Cable, Power Cord, Remote Controller (include battery 2ea), CD(Manual / I-office / ESG), Eye Bolt(2ea)		Remote Controller, Power Cable, RGB Cable, Manual, ESG, IR Receiver	
	Optional					Wall Mount (Landscape : WM-L640V, Portrait : WM-P640V) Frame Kit (Horizontal : FK-47V10, Vertical : FK-47V20)						AP-WX60 / AP-WX70 (Wall Mount), SP-2000(Speaker), ST-200T(Stand)				Media Player : MP700/MP500 SP-2000, LSW630		AP-WX60 / AP-WX70 (Wall Mount), SP-2100(Speaker), ST-200T(Stand), MP500(Media Player)			

SPECIFICATIONS

		STRETCHED DISPLAY		TRANSPARENT	CONTENT PLAYER					
		29WR30MR	38WR50MS	TS50MF		MP700	MP500	NA1000	NA1100	
PANEL	Screen Size	29"	38"	46.96"						
	Panel Technology	IPS	IPS	IPS						
	Aspect Ratio	21 : 9	16 : 4	16 : 9						
	Native Resolution	2,560 x 1,080	1,920 x 502 (FHD)	1,920 x 1,080 (FHD)						
	Brightness	300cd/m ²	500cd/m ²							
	Contrast Ratio	1,000 : 1	1,400 : 1	1,200 : 1						
	Dynamic CR	5,000,000 : 1	N/A							
	Viewing Angle (H x V)	178 x 178	178 x 178	178 x 178						
	Response Time	Max. 5ms (GTG)	6ms (GTG)	9ms (GTG)						
	CONNECTIVITY	Input								
Digital		HDMI(1), DVI-D(1), Displayport(1) with HDCP for all input	HDMI(2), DVI-D(1), Display Port(1) with HDCP for all input	LVDS						
Analog		No	RGB(1)	N/A						
Audio		Yes(1)	PC Audio In(1)	N/A						
External Control		RS232C(1), RJ45(1), IR(1)	RS232C(1), RJ45(1), IR Receiver(1)	N/A						
USB		No	USB(1)	N/A						
Output										
Digital		Displayport(1)	DVI-D(1)	N/A						
Analog		No	RGB(1)	N/A						
Audio		No	External Speaker(1)	N/A						
External Control		No	RS232C(1)	N/A						
Audio										
Auto Volume		Yes	No	N/A						
Balance		No	Yes	N/A						
Audio Power		20W(10W x 2)	20W(10W x 2)	N/A						
Speaker On/off		Yes	Yes	N/A						
Clear Voice II		No	Yes	N/A						
Sound mode		No	Standard, Music, Cinema, Sports, Game	N/A						
PHYSICAL SPECIFICATION	Bezel Width	1.0mm(T/R/L), 16.8mm(B)	21.0mm(T/B), 20mm(L/R)	39.95mm(T), 17.5mm(B), 17.5mm(L/R)						
	Monitor Dimension (W x H x D)	69.72cm x 31.32cm x 5.095cm	97.36cm x 28.78cm x 5.9cm	108.448cm x 65.302cm x 1.12cm						
	Weight (head)	7.2kg	12.5kg	2.9kg						
	Carton Dimensions (W x H x D)	77.7cm x 38.5cm x 15.5cm	107.3cm x 45.4cm x 18.1cm	110.9cm x 76.0cm x 12.5cm						
	Packed Weight	8.9kg	14.7kg	6.3kg						
	VESA™ Standard Mount Interface	200mm x 200mm	400mm x 200mm	N/A						
ENVIRONMENT	Operation Temperature	0°C - 40°C	0°C - 40°C	0°C - 40°C						
	Operation Humidity	10% to 80%	10% to 80%	10% to 90%						
POWER	Power Supply	90-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz						
	Power Consumption			N/A						
	Typical / Smart Energy Saving	53W (Typ), 75W(With Speaker x 2) / No	90W/80W	6.1W(Typ.) (12V Input)						
	DPMS	1.2W	1.0W (Set Only)	N/A						
	Power Off	0.5W	0.5W	N/A						
STANDARD	Safety	UL / cUL / CB Scheme / TUV	UL / cUL / CB	N/A						
	EMC	FCC Class "B" / VCCI / C-Tick / CE / KCC	FCC / CE / C-tick	N/A						
	ErP / Energy Star	Yes / NA	Yes / Yes (Energy Star 6.0)	N/A						
MEDIA PLAYER COMPATIBILITY	Slot PC Compatible (optional)	No	No	N/A						
	External Media player Attachable	No	Yes	N/A						
SOFTWARE COMPATIBILITY	SuperSign W/C	No / Yes	Yes / Yes	N/A						
ACCESSORY	Included	Remote Controller(including 2ea battery), Power Cord, HDMI Cable, IR Receiver, CD(Owner's Manual), ESG	Remote Controller, Power Cable, RGB Cable, Manual, IR Receiver	CD Manual(1), Book Manual(1)						
	Optional									
GENERAL SEPCIFICATAION	Dimensions (W x H x D)	260mm x 40.1mm x 275.9mm	260mm x 40.1mm x 275.9mm	250mm x 45mm x 220mm (Only Set)	250mm x 45mm x 220mm (Only Set)					
	Weight	Only Set 2.3kg (SSD Suffix), 2.4kg (HDD Suffix)	2.08kg (Only Set)	1.59kg (Only Set)	1.59kg (Only Set)					
	Carton Dimension (W x H x D)	332mm x 99mm x 345mm (Set Box)	300mm x 99mm x 345mm (Set Box)	300mm x 99mm x 345mm (Set Box)	300mm x 99mm x 345mm (Set Box)					
	CPU	Intel Core i5-3610ME 2.7 GHz (Dual Core) Intel Core i7-3610QE 2.3GHz (Qual Core)	Intel Celeron Processor P4500 1.86GHz (Dual Core) - MP500-Axxx, Intel Core i5-520M Processor 2.40GHz (Dual Core) - MP500-Bxx	Intel Core i7-620M Processor 2.66GHz (Dual Core)	Intel Core i7-520M Processor 2.40GHz (Dual Core)					
	Chip Set	Mobile Intel® QM77	Mobile Intel® QM57 Express Chipset	Mobile Intel® QM57 Express Chipset	Mobile Intel® QM57 Express Chipset					
	Main Memory	DDR3 1333 2 SODIMM	DDR3 1333 2,048 MB SODIMM Type	DDR3 SDRAM unbuffered 1066 2048MB SODIMM type, 2G	DDR3 SDRAM unbuffered 1066 2048MB SODIMM type, 2G					
	Graphic	AMD Radeon™ E6760 with 1GB VRAM								
	Storage	SATA SSD 32G/64G, 2.5" 1TB HDD								
	Secondary Storage Device		SATA SSD 8G (Option : 16G, 32G, 64G)	SATA SSD 8G (Option : 16G, 32G, 64G)	SATA SSD 8G (Option : 16G, 32G, 64G)					
	O/S	Windows Embedded Standard 7 Professional (64bit)	Windows Embedded Standard, Windows7 Embedded	Windows Embedded Standard, Windows7 Embedded	Windows Embedded Standard, Windows7 Embedded					
	Graphic Performance	Ultra HD Cloning (by DP with HBR2, Full HD Display (by DP port 4ea)	Full HD x 2	Full HD x 2	Full HD x 2					
	MULTI I/O PORT	Connectivity	Intel® 82579LM Gigabit (10/100/1000 Mbps) Ethernet PHY	Intel® 82577LM Gigabit (10/100/1000 Mbps) Ethernet PHY	Intel® 82577LM Gigabit (10/100/1000 Mbps)	Intel® 82577LM Gigabit (10/100/1000 Mbps)				
		Input								
		USB Port	USB 2.0 x 2EA, USB 3.0 x 1EA	Hi-Speed USB 2.0 port 480 Mbps rate (x4)	Hi-Speed USB 2.0 port 480 Mbps rate (x4)	Hi-Speed USB 2.0 port 480 Mbps rate (x4)				
		4-in-1 Card	N/A	No	Secure Digital(SD) / Multimedia Card(MMC/MMC4.0) / Memory Stick(MD/MS-Pro) / xD Memory Card	Secure Digital(SD) / Multimedia Card(MMC/MMC4.0) / Memory Stick(MD/MS-Pro) / xD Memory Card				
		PCI Express Card Slot	N/A	No	Supported	Supported				
		Mini PCI Express Socket	Internally Ready	Supported						
		Output		No						
		Serial Port	RS232C Out x 1ea	Supported	One External RS-232C Serial Port	One External RS-232C Serial Port				
		Display Out	DP with HBR2 x 2ea, DP1.1 x 2ea / RGB - out	DP / HDMI (DP does not support Digital Audio)	DP / D-SUB / HDMI	DP / D-SUB / HDMI				
Line Out		1EA	Supported	Supported	Supported					
SPDIF (Digital Audio Out)	N/A	No	No	No						
OPERATIONAL SPECIFICATION	Resolution	Maximum Resolution 3840 x 2160 @ 30 Hz (DP) Maximum Resolution 1920 x 1080 @ 75Hz (RGB)	Maximum Resolution 2560 x 1600 @ 60 Hz (DP) Maximum Resolution 1920 x 1200 @ 60Hz (HDMI)	Maximum Resolution 1920 x 1080 @ 60 Hz Recommended Resolution 1920 x 1080 @ 60Hz	Maximum Resolution 1920 x 1080 @ 60 Hz Recommended Resolution 1920 x 1080 @ 60Hz					
	Power	Rated Voltage AC 100-240V~, 50/60Hz, 1.8A	Rated Voltage AC 100-240V~, 50/60Hz, 1.8A	Rated Voltage AC 100-240V~, 50/60Hz, 1.5A	Rated Voltage AC 100-240V~, 50/60Hz, 1.5A					
	Operation Conditions	Operation Temperature 5°C to 40°C Operation Humidity 10% to 80% Storage Temperature -20°C to 60°C Storage Humidity 5% to 95%	Operation Temperature 5°C to 40°C Operation Humidity 10% to 80% Storage Temperature -20°C to 60°C Storage Humidity 5% to 95%	Operation Temperature 5°C to 35°C Operation Humidity 10% to 80% Storage Temperature -20°C to 60°C Storage Humidity 5% to 95%	Operation Temperature 5°C to 35°C Operation Humidity 10% to 80% Storage Temperature -20°C to 60°C Storage Humidity 5% to 95%					
	Etc.	UHD (AVC/H.264 30p, Avg. Bit Rate : 80(5) / 120(7)) Decoding / Play, Full HD 4ea Decoding / Playing, Ultra HD Cloning by DP with HBR2, Full HD 4ea Display by DP port 4ea								



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- CIS
- NORTH & SOUTH AMERICA
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