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2013 *MONITOR* *SIGNAGE*

COMMERCIAL
LARGE MONITOR AND SOLUTIONS



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LG MONITOR SIGNAGE,
COMMUNICATING ALL OVER THE WORLD



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REVOLUTIONARY
VIEWING



HIGH PICTURE QUALITY

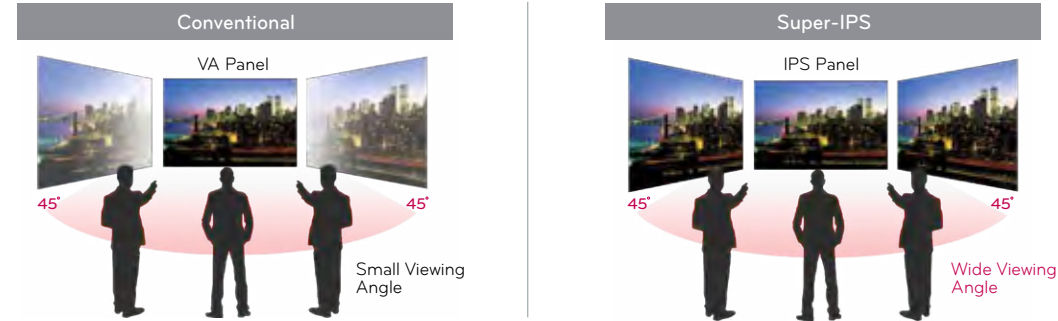
Consistent Response Time for Reduced Eye Strain & Original Image Exact Color Matching

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 Angel

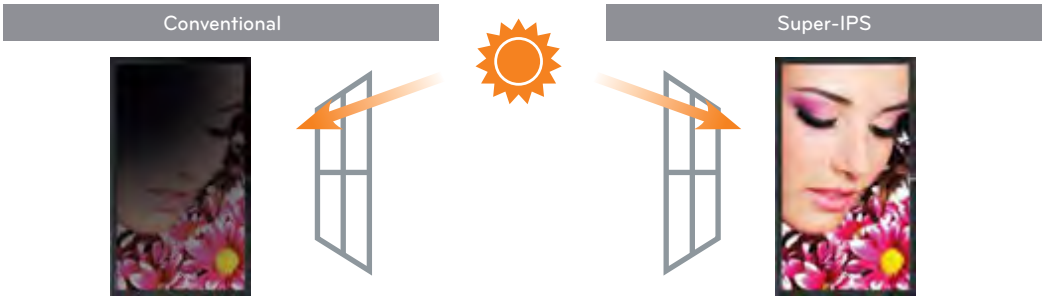
Super In Plane Switching or Super IPS is the feature of LG LCD Display. This unique technique has the better control of liquid crystal and in consequence, it allows you to watch the screen virtually at any angle.



SUPERIOR DURABILITY

No Blackening Defect

Even under direct sunlight exposure, LG commercial monitors that adopted LGD V5 panel 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 of IPS panel is less deformed than VA panel.



PUBLIC DISPLAY
MODULE



The portrait display mode is the area of the PD module. The pressure exerted by the liquid crystal is generally proportional to the distance from the top of the screen. Therefore the maximum pressure is exerted at the bottom of screen while the minimum pressure is exerted at the top of the screen. However, the PD module has relatively uniform pressure distribution comparing to TV panel, which in consequence has a far better stability.

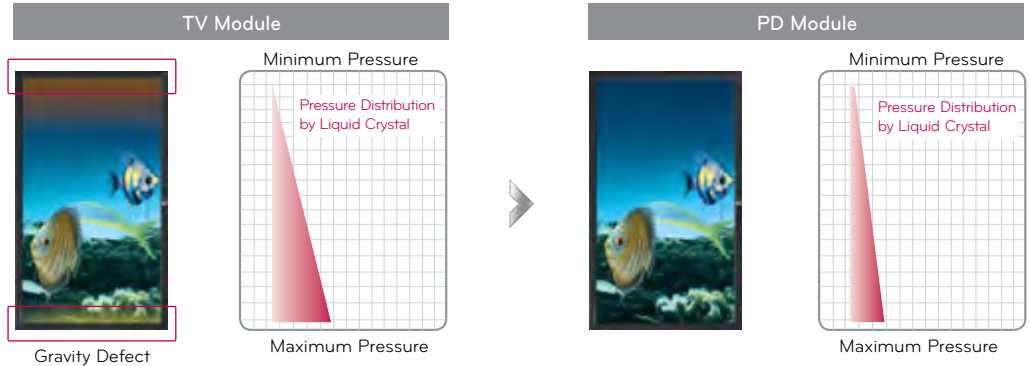
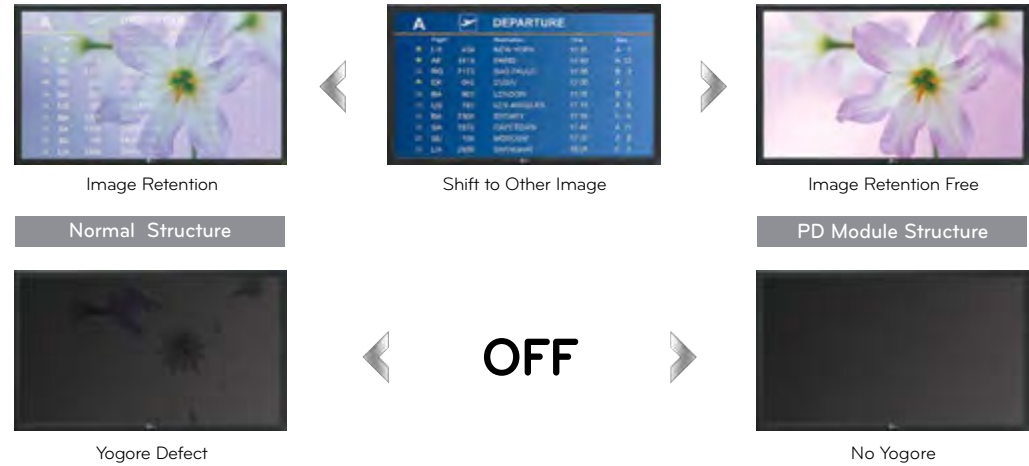


Image Retention Free

LG Commercial MNT adopts the public display module whose reliability is far better than that of a normal TV module. The public display is known for high resistance to image retention and the gravity-related defect. Therefore, the public display module is a perfect fit for severe operation conditions.



24/7 Operation Performance

Another strength of the LG PD module is that it can operate 24 hours a day. It can fulfill its function as a digital signage, smashes the limits of place and time and is highly durable and provides continuous performance.



PD Module vs TV Module

Feature	TV Panel	Signage (PD) Panel
View as Vertical	Not available	Available
Product Life	15,000 hours	40,000 - 50,000 hours
Remote Control	Not available	Remote Control using RS-232C
Image Retention	Not durable in long-term operation	Highly durable in long-term operation
External Pressure	The screen is distorted under external pressure	The screen is not distorted under external pressure
Brightness	Personal and indoor use / 300 ~ 400nit	For information display and public use / 400nit or higher
I/O Terminal	Mostly for AV	Terminals for various environments such as D-Sub, DVI, HDMI and component.

ECO - FRIENDLY

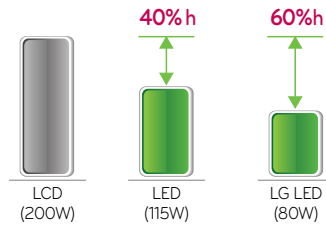
Low Power Consumption

By using LGE's start of art technology, the smart energy saving, WS10 guarantees lowest energy consumption compared the other conventional LED backlight display. Also WS series meet all the environmental Regulation, ERP, Energy Star, no use of harmful materials, and is reduced CO₂.

Electricity Cost Saving

Model	Power / Yr.	Elec. / Yr.	Elec. / 3Yr.
LCD (typ.)	1752kWh	\$ 251	\$ 753
LED (typ.)	1007kWh	\$ 144	\$ 432
LG LED	701kWh	\$ 100	\$ 300

* 24hrs/day, 14.4 cent/kWh(CA@US)



Smart Energy Saving

Reduction energy consumption by approximately 30%



Auto Brightness Sensor

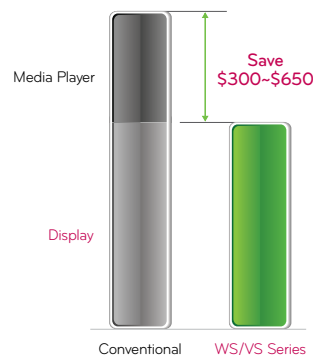
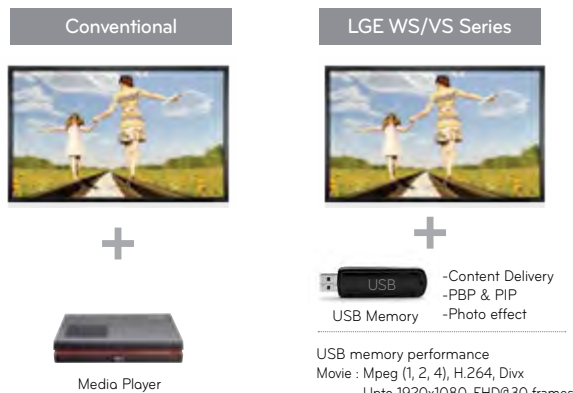
Screen brightness is automatically adjusted by its surrounding illumination level.



ECONOMICAL SOLUTION

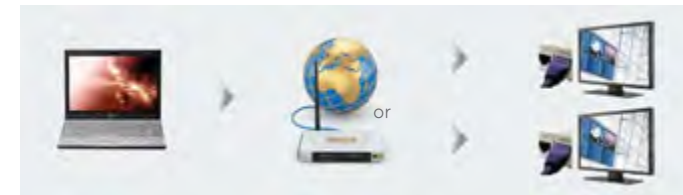
LG Media-Player Integrated Solution

- No need for additional media players such as PC or DVD
- No extra costs for media player



Professional Usage Optimized Interface

LG Monitor signage lets the user control monitors which are installed in remote areas through Ethernet. So you can check the status of monitors and change their put and volume and even update the firmware from server.



Enhanced Scheduler

The upgraded scheduler lets the user set the 'On' and 'Off' time from Monday through Sunday. So you can flexibly manage the operation time of the LG commercial monitors.

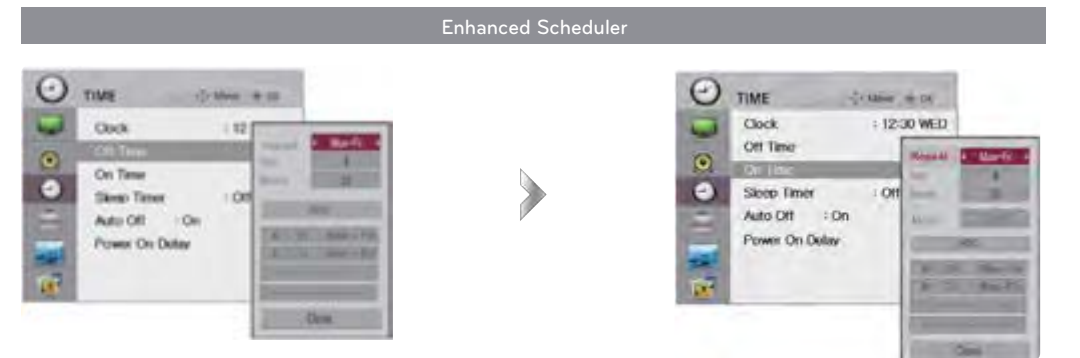
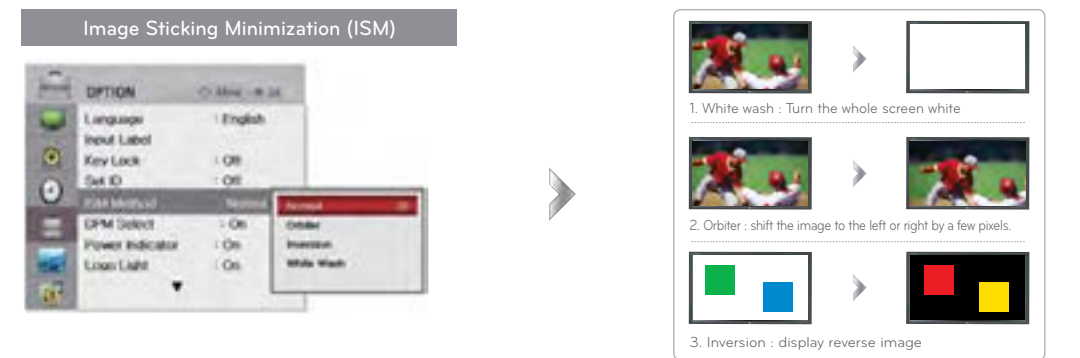


Image Sticking Minimization (ISM)

ISM is designed to alleviate the image retention to minimum level. 4 ISM options are available to optimally minimize the 'image retention'.



USB Playback

USB Playback is simple, easy solution without additional cost.



- Screen with USB Playback function : Content - music, movie, photo, text
- Easy to schedule content in USB memory : eZ-net Manager
- Playback Contents :
 - Movie - Mpeg2, Mpeg4(Divx 3,4,5,6), XVID(AVI, Divx, m4v, dat, vob, mpeg, mpg)
 - Music : MP3
 - Text : English
 - Photo : JPEG (Max 15360 x 8640)
- Easy to Use No need to learn, just plug-In USB
- Auto playback the content in USB memory
- No additional cost to signage

MAINSTREAM DISPLAY

LG SIGNAGE LINE UP

	32"/37"	42"	47"	55"	65"	72"/84"
LED WS SERIES WL SERIES						
	32WL30 • Edge LED • 1,920 x 1,080 (FHD) • 400nit • Bezel : 18.9mm (Top / Left / Right), 26mm (Bottom) • Power Consumption : 65W(Typ), 45W(SES) • Media Player Integrated Solution (SuperSign Elite-w, Elite-w lite)	42WS10 • Edge LED • 1,920 x 1,080 (FHD) • 450nit • Dynamic CR : 50,000 : 1 • Bezel : 27.6mm • Power Consumption : 115W(Typ), 75W(SES) • Media Player Integrated Solution (SuperSign Elite-w, Elite-w lite)	47WS10 • Edge LED • 1,920 x 1,080 (FHD) • 450nit • Dynamic CR : 50,000 : 1 • Bezel : 28.0mm • Power Consumption : 120W(Typ), 85W(SES) • Media Player Integrated Solution (SuperSign Elite-w, Elite-w lite)	55WS10 • Edge LED • 1,920 x 1,080 (FHD) • 450nit • Dynamic CR : 50,000 : 1 • Bezel : 33.5mm • Power Consumption : 140W(Typ), 95W(SES) • Media Player Integrated Solution (SuperSign Elite-w, Elite-w lite)	84WS70 • Direct LED • 1,920 x 1,080 (FHD) • 700nit • Shine-Out • Dynamic CR : 500,000 : 1 • Bezel : 38.7mm • Power Consumption : 500W(Typ), 200W(SES)	
LCD VS SERIES VL SERIES M SERIES						
	32VS10 • LCD • 1,366 x 768 (WXGA) • 450nit • Bezel : 52mm • Power Consumption : 100W(Typ) • PC Built-in Ready (Slot Type Media Player)	42VS10 • LCD • 1,920 x 1,080 (FHD) • 500nit • Bezel : 30.4mm • Power Consumption : 200W(Typ) • PC Built-in Ready (Slot Type Media Player)	47VS10 • LCD • 1,920 x 1,080 (FHD) • 500nit • Bezel : 36mm • Power Consumption : 240W(Typ) • PC Built-in Ready (Slot Type Media Player)	65VS10 • LCD • 1,920 x 1,080 (FHD) • 700nit • Narrow Bezel : 49mm • Power Consumption : 420W(Typ) • USB Playback		
						
	M3704C *M3704C is available until Q2 2013. • LCD • 1,920 x 1,080 (FHD) • 500nit • Bezel : 53.7mm(Top/Bottom), 52.7mm(Left/Right) • Power Consumption : 150W(Typ) • USB Playback	M4210L • LCD • 1,920 x 1,080 (FHD) • 500nit • Bezel : 30.4mm • Power Consumption : 220W(Typ) • Optimized Interface	47VL10 • LCD • 1,920 x 1,080 (FHD) • 500nit • Bezel : 36mm • Power Consumption : 260W(Typ) • Optimized Interface			

SPECIAL DISPLAY

LG SIGNAGE LINE UP

VIDEO WALL

WV SERIES



47WV30 / 47WV30B

- Direct LED
- 1,366 x 768 (HD), 1,920 x 1,080 (at Video Wall)
- 800nit (47WV30), 500nit (47WV30B)
- Bezel : 3.9mm(Left/Top), 2.4mm(Right/Bottom)
- Power Consumption : 180W(Typ), 110W(SES)
- Shine-Out (47WV30)
- Auto Calibration



55WV70 / 55WV70B

- Direct LED
- 1,920 x 1,080 (FHD)
- 800nit (55WV70), 500nit (55WV70B)
- Bezel : 3.4mm(Left/Top), 1.9mm(Right/Bottom)
- Power Consumption : 210W(Typ) / 120W(SES) (55WV70), 160W(Typ) / 90W(SES) (55WV70B)
- Shine-Out (55WV70)
- Auto Calibration



55WV70MD

- Direct LED
- 1,920 x 1,080 (FHD)
- 450nit(2D), 170nit(3D)
- Bezel : 3.4mm(Left/Top), 1.9mm(Right/Bottom)
- Power Consumption : 240W(Typ) / 150W(SES)
- Auto Calibration
- 3D (FPR Type)

TOUCH

VT SERIES
M SERIES



47VT30

- LCD
- 5 Point Multi Touch (Windows 7) & IR Spread
- 1,920 x 1,080 (FHD)
- 500nit
- Power Consumption : 250W(Typ)



M4214T

- LCD
- IR LED 2 Point Touch (Windows 7)
- 1,920 x 1,080 (FHD)
- 500nit
- Power Consumption : 220W(Typ)



M4716T

- LCD
- IR LED 2 Point Touch (Windows 7)
- 1,920 x 1,080 (FHD)
- 500nit
- Power Consumption : 260W(Typ)

STRETCHED

WR SERIES
M SERIES



38WR50

- Direct LED
- 1,920 x 502
- Bezel : 21mm(Top/Bottom), 20mm(Left/Right)
- Power Consumption : 90W(Typ) / TBD(SES)
- Auto Scaling Function
- Aspect Ratio : 16 : 4
- 500nit



M2901S

- LCD
- 1,366 x 480
- Bezel : 28.9mm(Top/Bottom), 31.2mm(Left/Right)
- Power Consumption : 80W(Typ)
- Auto Scaling Function
- Aspect Ratio : 17 : 6
- 420nit



M3801S

- LCD
- 1,920 x 502
- Bezel : 25.7mm(Top/Bottom/Left/Right)
- Power Consumption : 90W(Typ)
- Auto Scaling Function
- Aspect Ratio : 16 : 4
- 420nit

TRANS-PARENT

TS SERIES



26TS30MF

- 1,366 x 768 (HD)
- Transmittance : 4.84%(Typ)
- Contrast Ratio : 1,000 : 1(Typ)
- Color Gamut : 68%
- Easy Customization (Open Frame)



47TS30MF

- 1,920 x 1,080 (FHD)
- Transmittance : 5.5%(Typ)
- Contrast Ratio : 1,200 : 1(Typ)
- Color Gamut : 72%
- Shine-Out (Anti Reflection Coating)
- Easy Customization (Open Frame)

OUT-DOOR

WX SERIES



47WX50MF

- LED
- 1,920 x 1,080 (FHD)
- 2,000nit
- Power Consumption : 240W(Typ), 120W(SES)
- Shine-Out
- No Blackening Defect (Tni : 110℃)
- Easy Customization (Open Frame)

SEMI-OUT-DOOR

VX SERIES



42VX30 / 47VX30

- LED
- 1,920 x 1,080 (FHD)
- 700nit
- Power Consumption : 170W(Typ), 130W(SES) (42VX30) / 180W(Typ), 130W(SES) (47VX30)
- Shine-Out
- No Blackening Defect (Tni : 110℃)



47VX30AF

- LED
- 1,920 x 1,080 (FHD)
- 700nit
- Power Consumption : 180W(Typ), 130W(SES)
- Shine-Out
- No Blackening Defect (Tni : 110℃)
- Easy Customization (Open Frame)

MAINSTREAM
DISPLAY

LED
DISPLAY

WS SERIES

Designed for 24/7 continuous operation, the WS series displays advertisements, information and broadcast video with Full HD brilliance. With an auto brightness sensor, screen brightness is automatically adjusted by its surrounding illumination level. By using the smart energy saving, WS series guarantee the lowest energy consumption compared to other conventional LED backlight display. Also, WS series meet the environmental regulations such as EPA and Erp, while excluding the use of harmful materials (RoHS) and reducing CO₂ emissions.



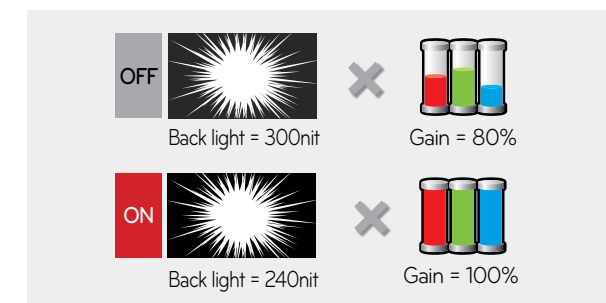
Eco Friendly & Professional

WS SERIES

LED Widescreen Full HD Display

SMART ENERGY SAVING

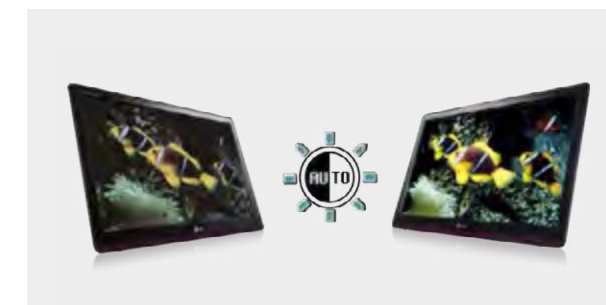
- Reduction energy consumption by approximately 30%



AUTO BRIGHTNESS SENSOR

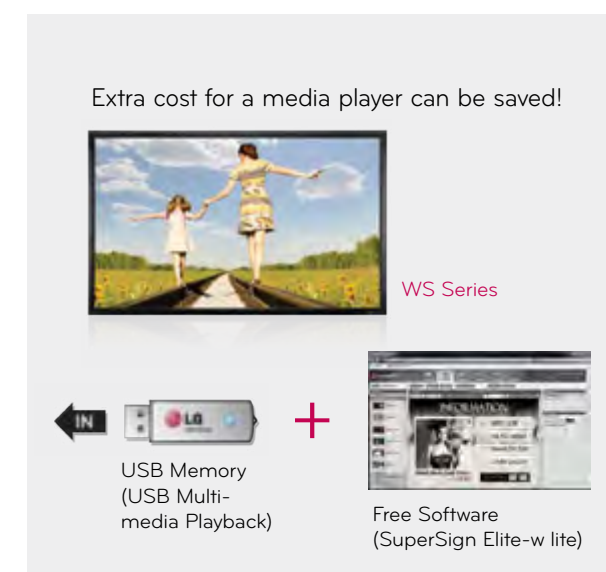
- Screen brightness is automatically adjusted by its surrounding illumination level.
- For days, automatically raise the brightness level for better visibility.
- For nights, automatically lower the brightness to save energy.

*The function is only for WS70, WS10.



MEDIA PLAYER INTEGRATED SOLUTION

- Reduction in TCO
- Supersign Elite-w, Elite-w lite Software



ECO-FRIENDLY

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



WS Series



84WS70



72WS70



42WS50 / 47WS50



42WS10 / 47WS10 / 55WS10

ECO FRIENDLY & PROFESSIONAL

84WS70

- 84" Edge LED Large Screen
- Super High Resolution
: 3,840 x 2,160 (Ultra HD)
- Clear & Vivid Picture
(Dynamic CR : 500,000 : 1) (TBD)
- Auto Brightness Sensor
- Smart Energy Saving
- External Media Player Attachable
(MP700, MP500)
- Media Player Integrated Solution
(SuperSign Elite-w, Elite-w lite)



SPECIFICATIONS

PANEL

- Screen Size : 84"
- Panel Technology : IPS (LED BLU)
- Aspect Ratio : 16 : 9
- Native Resolution : 3,840 x 2,160 (Ultra HD)
- Brightness : 500nit
- Contrast Ratio : 1,400 : 1 (TBD)
- Dynamic CR : 500,000 : 1 (TBD)
- Viewing Angle (H x V) : 178 x 178
- Response Time : 12ms (TBD)

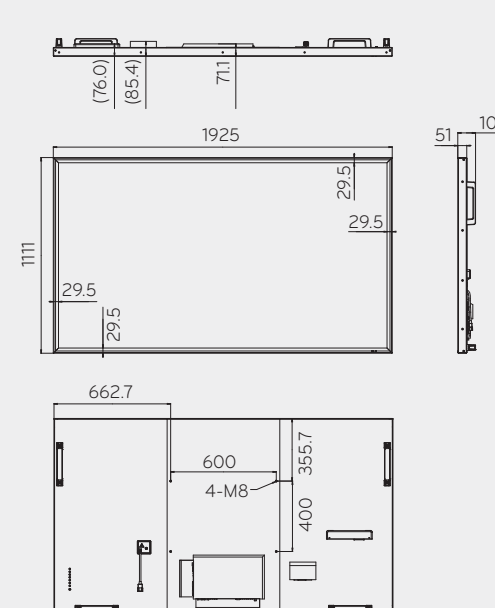
AUDIO

- Auto Volume : No
- Balance : Yes
- Audio Power : 20W (10W x 2)
- Speaker On/Off : Yes
- Clear Voice II : Yes
- Sound Mode : Standard, Music, Cinema, Sports, Game

PHYSICAL SPECIFICATION

- Bezel Width : 29.5mm

DIMENSION (UNIT : MM)



ECO FRIENDLY & PROFESSIONAL

72WS70

- 72" Direct LED Large Screen
- Clear & Vivid Picture
(Dynamic CR : 500,000 : 1)
- Shine-Out (Semi-Outdoor Usage)
- High Brightness : 700nit
- Auto Brightness Sensor
- Smart Energy Saving
- Media Player Integrated Solution
(SuperSign Elite-w, Elite-w lite)



SPECIFICATIONS

PANEL

- Screen Size : 72"
- Panel Technology : IPS (LED BLU)
- Aspect Ratio : 16 : 9
- Native Resolution : 1,920 x 1,080 (FHD)
- Brightness : 700nit
- Contrast Ratio : 1,200 : 1
- Dynamic CR : 500,000 : 1
- Viewing Angle (H x V) : 178 x 178
- Response Time : 8ms (G to G, *WOT)

*WOT : Within Operation Temperature

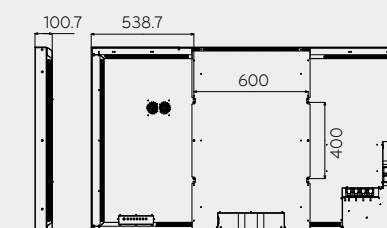
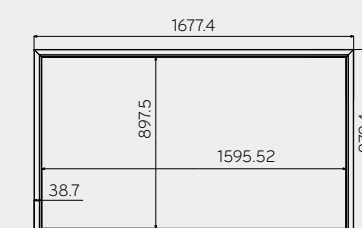
AUDIO

- Auto Volume : No
- Balance : Yes
- Audio Power : 20W (10W x 2)
- Speaker On/Off : Yes
- Clear Voice II : Yes
- Sound Mode : Standard, Music, Cinema, Sports, Game

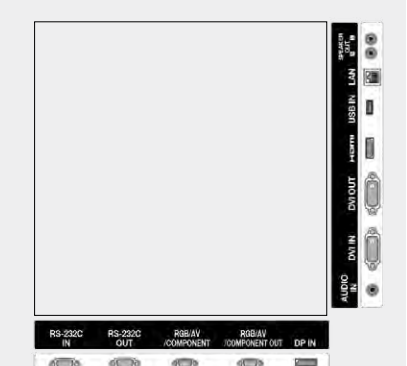
PHYSICAL SPECIFICATION

- Bezel Width : 38.7mm

DIMENSION (UNIT : MM)



INTERFACE



ECO FRIENDLY & PROFESSIONAL

WS50

42F"/ 47F"

- Narrowest Bezel for Standard LED Display : 11.5mm
- Tile Mode (Up to 15 x 15) : Even Bezel
- Hybrid Type Media Player Built-in Ready (MP500)
- High Brightness : 700nit
- Smart Energy Saving (Reduction in TCO)



ECO FRIENDLY & PROFESSIONAL

WS10

42F"/ 47F"/ 55F"

- Eco-Friendly (EPA, ErP, RoHS, CO₂ Reduction)
- Smart Energy Saving (Reduction in TCO)
- Brightness : 450nit
- Media Player Integrated Solution (SuperSign Elite-w, Elite-w lite)
- Easy & Fast Delivery of Contents



SPECIFICATIONS

PANEL

- Screen Size : 42", 47"
- Panel Technology : IPS (LED BLU)
- Aspect Ratio : 16 : 9
- Native Resolution : 1,920 x 1,080 (FHD)
- Brightness : 700nit
- Contrast Ratio : 1,500 : 1 (TBD) (42"), 1,300 : 1 (47")
- Dynamic CR : 500,000 : 1
- Viewing Angle (H x V) : 178 x 178
- Response Time : 8ms (G to G, *WOT)

*WOT : Within Operation Temperature

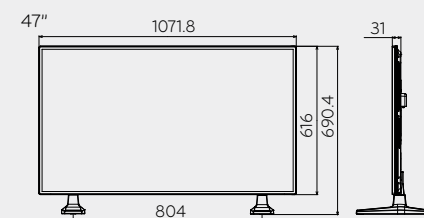
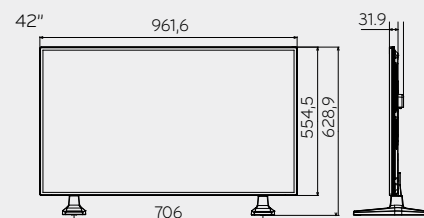
AUDIO

- Auto Volume : No
- Balance : Yes
- Audio Power : 20W (10W x 2)
- Speaker On/Off : Yes
- Clear Voice II : Yes
- Sound Mode : Standard, Music, Cinema, Sports, Game

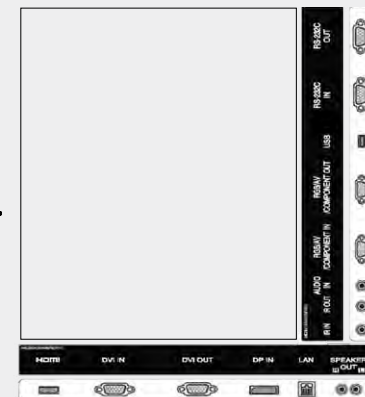
PHYSICAL SPECIFICATION

- Bezel Width : 11.5mm

DIMENSION (UNIT : MM)



INTERFACE



SPECIFICATIONS

PANEL

- Screen Size : 42", 47", 55"
- Panel Technology : IPS (LED BLU)
- Aspect Ratio : 16 : 9
- Native Resolution : 1,920 x 1,080 (FHD)
- Brightness : 450nit
- Contrast Ratio : 1,300 : 1
- Dynamic CR : 50,000 : 1
- Viewing Angle (H x V) : 178 x 178
- Response Time : 8ms (G to G, *WOT)

*WOT : Within Operation Temperature

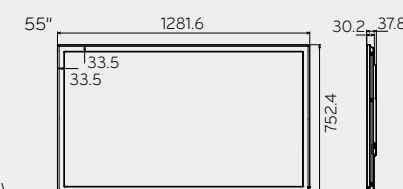
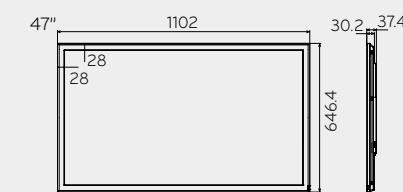
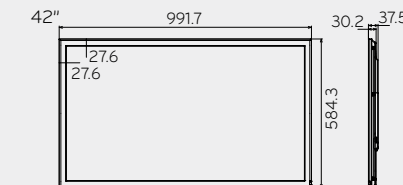
AUDIO

- Auto Volume : No
- Balance : Yes
- Audio Power : 20W (10W x 2)
- Speaker On/Off : Yes
- Clear Voice II : Yes
- Sound Mode : Standard, Music, Cinema, Sports, Game

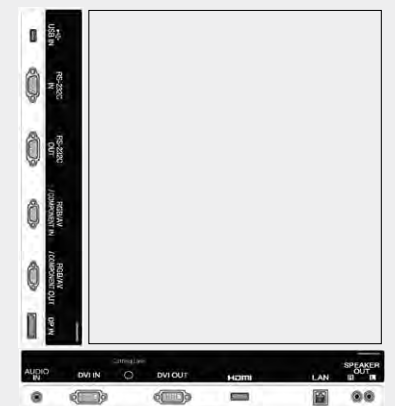
PHYSICAL SPECIFICATION

- Bezel Width : 27.6mm (42"), 28.0mm (47"), 33.5mm (55")

DIMENSION (UNIT : MM)



INTERFACE



MAINSTREAM
DISPLAY

LED DISPLAY

WL SERIES

LG's new LED light displays called WL series are designed for slim & light frame and adopt the eco-friendly features. Slim & light feature offers space saving and easy installation & maintenance. Wide viewing angle based IPS provides the clear image at any angle. There is no fall-off in color accuracy and no diversion in contrast ratio at wide angles. Also, WL series meet the environmental regulations such as EPA and Erp, while excluding the use of harmful materials (RoHS) and reducing CO₂ emissions.



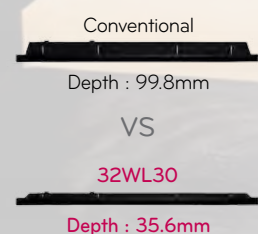
ECO-FRIENDLY

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

EASY INSTALLATION/ MAINTENANCE

- Slim and Light feature offers space saving and easy installation
- Easy to maintain remotely

IMPROVED BEZEL & DEPTH



WIDE VIEWING ANGLE

- Providing clear image virtually at any angle.



ECO FRIENDLY & PROFESSIONAL

32WL30 32F"

- Eco-Friendly
(EPA, ErP, RoHS, CO₂ Reduction)
- Low Power Consumption
- Slim Depth : 35.6mm
- Easy Installation & Maintenance
- Brightness : 400nit
- Wide Viewing Angle
- Media Player Integrated Solution
(SuperSign Elite-w, Elite-w lite)



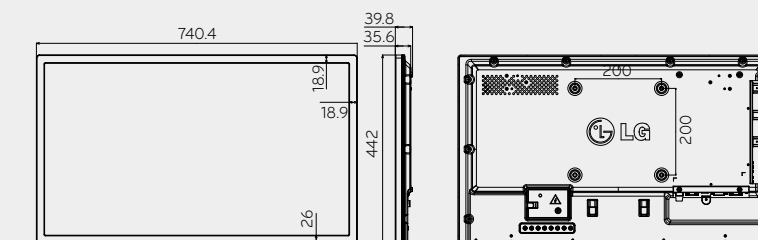
SPECIFICATIONS

PANEL

- Screen Size : 32"
- Panel Technology : IPS (LED BLU)
- Aspect Ratio : 16 : 9
- Native Resolution : 1,920 x 1,080 (FHD)
- Brightness : 400nit
- Contrast Ratio : 1,300 : 1
- Viewing Angle (H x V) : 178 x 178
- Response Time : 16ms (G to G, *WOT)

*WOT : Within Operation Temperature

DIMENSION (UNIT : MM)



AUDIO

- Auto Volume : No
- Balance : Yes
- Audio Power : TBD
- Speaker On/Off : Yes
- Clear Voice II : Yes
- Sound Mode : Standard , Music, Cinema, Sports, Game

INTERFACE



PHYSICAL SPECIFICATION

- Bezel Width : 18.9mm (Top / Left / Right), 26mm (Bottom)

VS SERIES

LG's new large-sized LCD displays called VS series are designed for slim design & media player integrated solution. Come to the VS20's benefit the easy editing and easy scheduling with LG SuperSign Elite-w, Elite-w lite. And also PC Built-in Ready features of VS10 which has slot type media player saves the space definitely.

VS series are optimized for menus, advertisements and information at restaurants, shopping malls even transportation sites like airport.



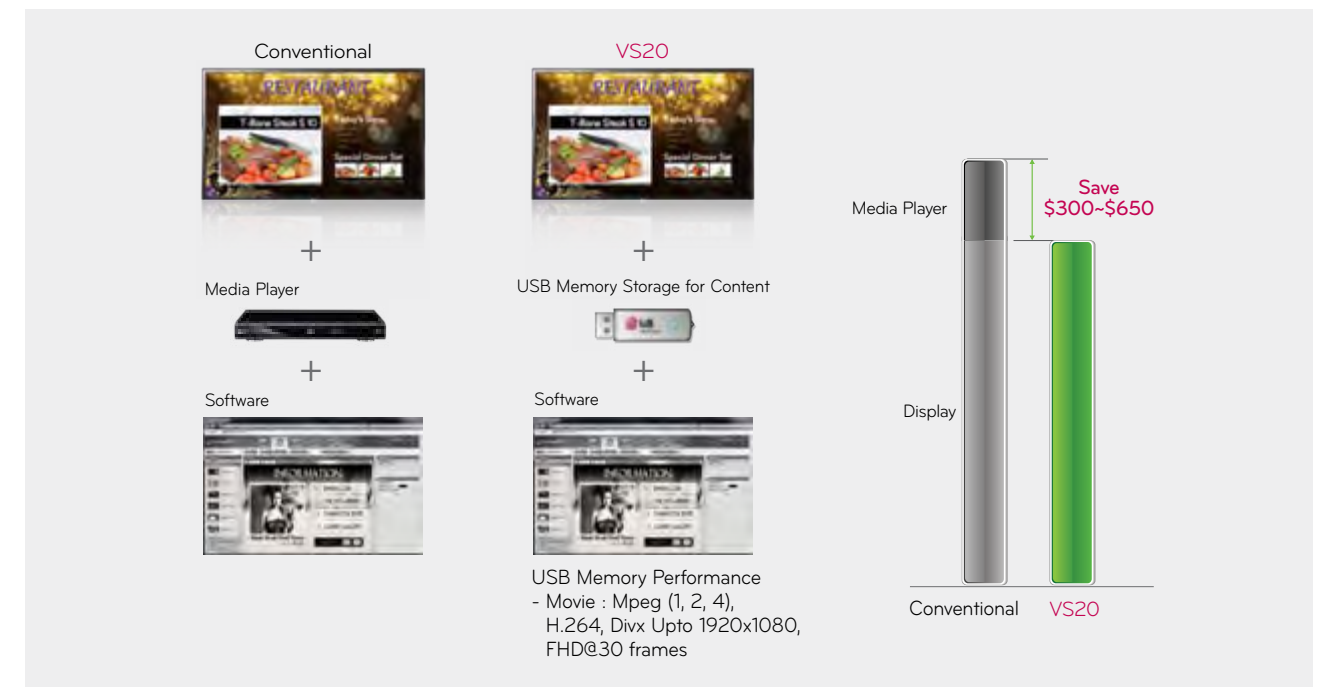
Easy & Competitive

VS SERIES

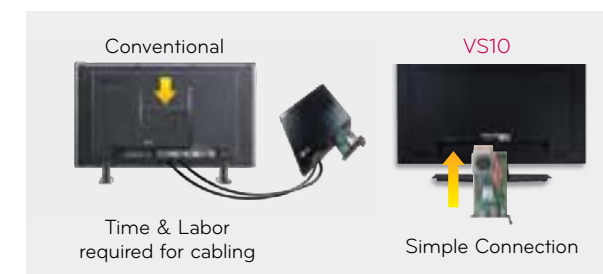
LCD Widescreen Full HD Display

LG MEDIA-PLAYER INTEGRATED SOLUTION (VS20)

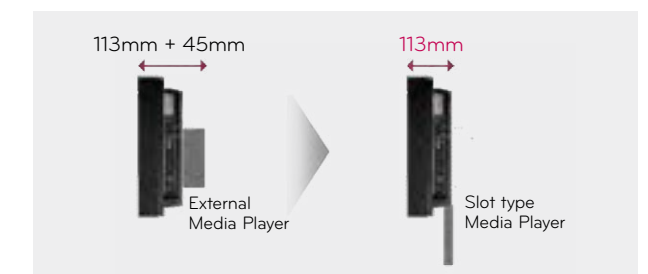
- No need for additional media players such as PC or DVD
- No extra costs for media player



EASY INSTALLATION & MAINTENANCE (VS10)



SPACE SAVING (VS10)



VS Series



ECO FRIENDLY & COMPETITIVE

VS20

42F"/ 47F"/ 55F"

- Narrowest Bezel for Standard LCD Display : 16.9mm (42"), 17.9mm (47"), 18.9mm (55")
- High Brightness : 700nit
- Smart Energy Saving (Reduction in TCO)
- Media Player Integrated Solution (SuperSign Elite-w, Elite-w lite)
- Easy & Fast Delivery of Contents



EASY & COMPETITIVE

VS10

32"/ 42F"/ 47F"

- Slim Design for Space Saving
- PC Built-in Ready (Slot Type Media Player : NA2000, NA2100, NC2100)
- Brightness : 450nit (32"), 500nit (42", 47")
- Easy Installation & Maintenance



SPECIFICATIONS

PANEL

- Screen Size : 42", 47", 55"
- Panel Technology : IPS
- Aspect Ratio : 16 : 9
- Native Resolution : 1,920 x 1,080 (FHD)
- Brightness : 700nit
- Contrast Ratio : 1,200 : 1 (42", 47"), 1,300 : 1 (55")
- Dynamic CR : 3,000 : 1
- Viewing Angle (H x V) : 178 x 178
- Response Time : 8ms (G to G, *WOT)

*WOT : Within Operation Temperature

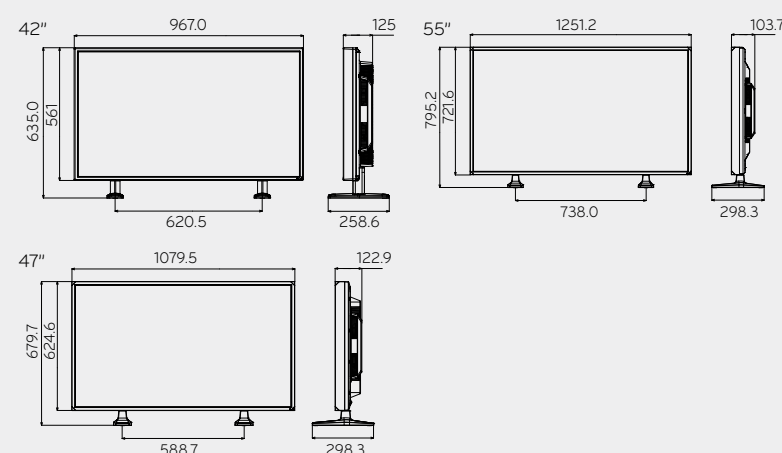
AUDIO

- Auto Volume : No
- Balance : Yes
- Audio Power : 20W (10W x 2)
- Speaker On/Off : Yes
- Clear Voice II : Yes
- Sound Mode : Standard, Music, Cinema, Sports, Game

PHYSICAL SPECIFICATION

- Bezel Width : 16.9mm (42"), 17.9mm (47"), 18.9mm (55")

DIMENSION (UNIT : MM)



INTERFACE



SPECIFICATIONS

PANEL

- Screen Size : 32", 42", 47"
- Panel Technology : VA (32") IPS (42", 47")
- Aspect Ratio : 16 : 9
- Native Resolution : 1,366 x 768 (WXGA) (32"), 1,920 x 1,080 (FHD) (42", 47")
- Brightness : 450nit (32"), 500nit (42", 47")
- Contrast Ratio : 3,000 : 1 (Typ) (32"), 1,300 : 1 (42", 47")
- Dynamic CR : 20,000 : 1 (32", 47"), 40,000 : 1 (42")
- Viewing Angle (H x V) : 178 x 178
- Response Time : 6.5ms (G to G) (32"), 8ms (42", 47") (G to G, *WOT)

*WOT : Within Operation Temperature

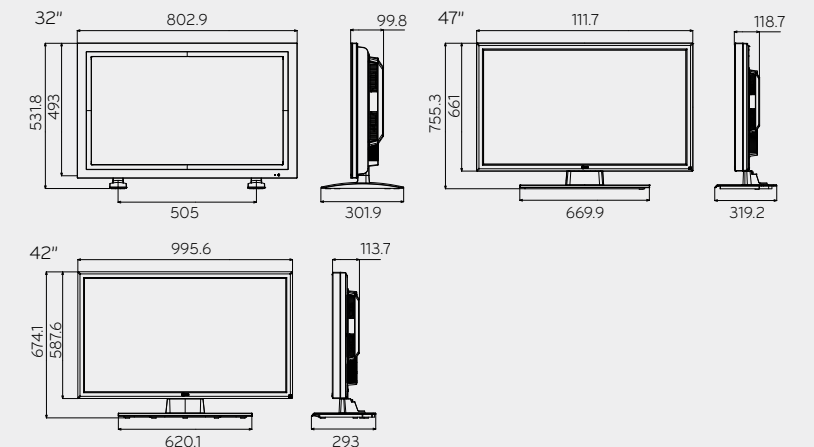
AUDIO

- Auto Volume : Yes
- Balance : Yes
- Audio Power : 20W (10W x 2)
- Speaker On/Off : Yes
- Clear Voice II : Yes
- Sound Mode : Standard, Music, Cinema, Sports, Game

PHYSICAL SPECIFICATION

- Bezel Width : 51.5mm (32"), 30.4mm (42"), 36mm (47")

DIMENSION (UNIT : MM)



INTERFACE



EASY & COMPETITIVE

65VS10

65F"

- LCD (PD Panel)
- High Resolution : 1,920 x 1,080 (FHD)
- High Brightness : 700nit
- Narrow Bezel : 49mm
- USB Playback
- Tile Mode (Up to 5 x 5)
- ErP Certified



EASY & COMPETITIVE

M3704C

37F"

- LCD (TV Panel)
- High Resolution : 1,920 x 1,080 (FHD)
- Brightness : 500nit
- Bezel : 53.7mm (Top / Bottom), 52.7mm (Left / Right)
- USB Playback
- Tile Mode (Up to 5 x 5)
- ErP Certified

*M3704C is available until Q2 2013.



SPECIFICATIONS

PANEL

- Screen Size : 65"
- Panel Technology : VA
- Aspect Ratio : 16 : 9
- Native Resolution : 1,920 x 1,080 (FHD)
- Brightness : 700nit
- Contrast Ratio : 5,000 : 1
- Dynamic CR : 10,000 : 1
- Viewing Angle (H x V) : 178 x 178
- Response Time : 8ms (G to G)

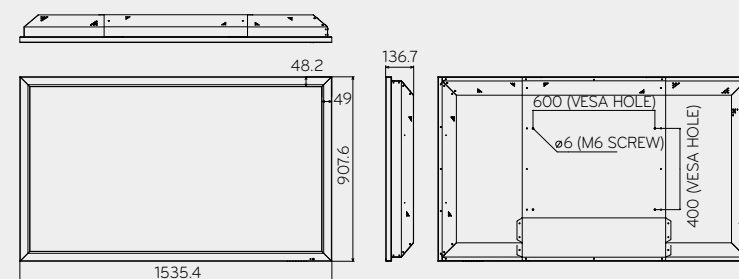
AUDIO

- Auto Volume : Yes
- Balance : Yes
- Audio Power : 20W (10W x 2)
- Speaker On/Off : Yes
- Clear Voice II : Yes
- Sound Mode : Standard, Music, Cinema, Sports, Game

PHYSICAL SPECIFICATION

- Bezel Width : 49.0mm

DIMENSION (UNIT : MM)



INTERFACE



SPECIFICATIONS

PANEL

- Screen Size : 37"
- Panel Technology : IPS
- Aspect Ratio : 16 : 9
- Native Resolution : 1,920 x 1,080 (FHD)
- Brightness : 500nit
- Contrast Ratio : 1,500 : 1
- Dynamic CR : 10,000 : 1
- Viewing Angle (H x V) : 178 x 178
- Response Time : 5ms (G to G)

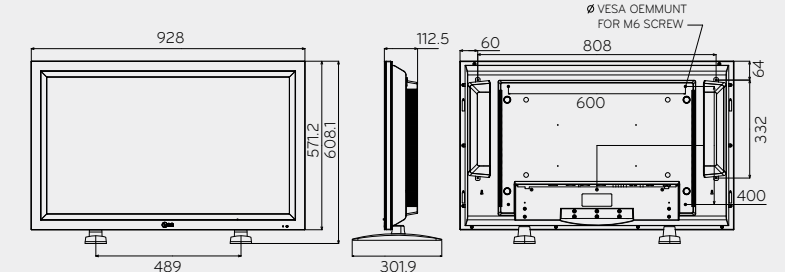
AUDIO

- Auto Volume : Yes
- Balance : Yes
- Audio Power : 20W (10W x 2)
- Speaker On/Off : Yes
- Clear Voice II : Yes
- Sound Mode : Standard, Music, Cinema, Sports, Game

PHYSICAL SPECIFICATION

- Bezel Width : 53.7mm (Top/Bottom), 52.7mm (Left/Right)

DIMENSION (UNIT : MM)



INTERFACE



EASY & ECONOMIC

47VL10

47F"

- LCD (PD Panel)
- High Resolution : 1,920 x 1,080 (FHD)
- Brightness : 500nit
- Narrow Bezel : 36mm
- Eco-Friendly (ErP, RoHS, WEEE)
- Optimized Interface
- Easy Remote Management : RJ-45 & RS-232C



EASY & ECONOMIC

M4210L

42F"

- LCD (PD Panel)
- High Resolution : 1,920 x 1,080 (FHD)
- Brightness : 500nit
- Narrow Bezel : 30.4mm
- Optimized Interface
- ErP Certified



SPECIFICATIONS

PANEL

- Screen Size : 47"
- Panel Technology : IPS
- Aspect Ratio : 16 : 9
- Native Resolution : 1,920 x 1,080 (FHD)
- Brightness : 500nit
- Contrast Ratio : 1,300 : 1
- Dynamic CR : 3,000 : 1
- Viewing Angle (H x V) : 178 x 178
- Response Time : 8ms (G to G, *WOT)

*WOT : Within Operation Temperature

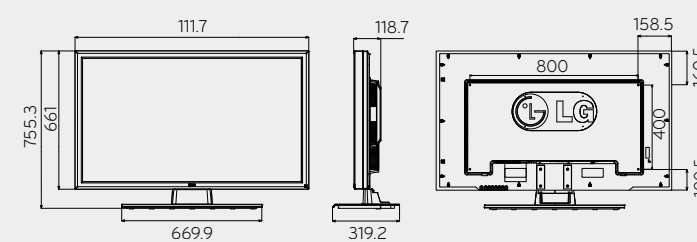
AUDIO

- Auto Volume : Yes
- Balance : Yes
- Audio Power : 20W (10W x 2)
- Speaker On/Off : Yes
- Clear Voice II : No
- Sound Mode : Clear Voice, Standard, Music, Cinema, Sports, Game, User

PHYSICAL SPECIFICATION

- Bezel Width : 36.0mm

DIMENSION (UNIT : MM)



INTERFACE



SPECIFICATIONS

PANEL

- Screen Size : 42"
- Panel Technology : IPS
- Aspect Ratio : 16 : 9
- Native Resolution : 1,920 x 1,080 (FHD)
- Brightness : 500nit
- Contrast Ratio : 1,300 : 1
- Dynamic CR : 3,000 : 1
- Viewing Angle (H x V) : 178 x 178
- Response Time : 8ms (G to G, *WOT)

*WOT : Within Operation Temperature

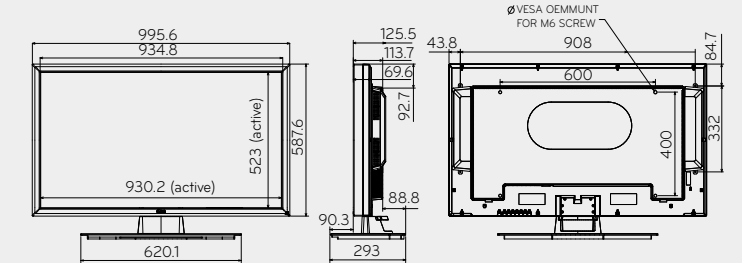
AUDIO

- Auto Volume : Yes
- Balance : Yes
- Audio Power : 20W (10W x 2)
- Speaker On/Off : Yes
- Clear Voice II : No
- Sound Mode : Clear Voice, Standard, Music, Cinema, Sports, Game, User

PHYSICAL SPECIFICATION

- Bezel Width : 30.4mm

DIMENSION (UNIT : MM)



INTERFACE



SPECIAL
DISPLAY
VIDEO
WALL

WV SERIES

LG's innovative Direct LED video walls called WV series provide an incredible visual experience for anyone who comes across the display. Advertisements, information and broadcast video are in sync with your target needs, while picture quality and performance is enhanced by LG display technology. Discover the numerous advantages of our virtually seamless WV series. To ensure the best optimized solution, Auto Calibration feature of WV series makes your video wall be adjusted easily and intelligently.



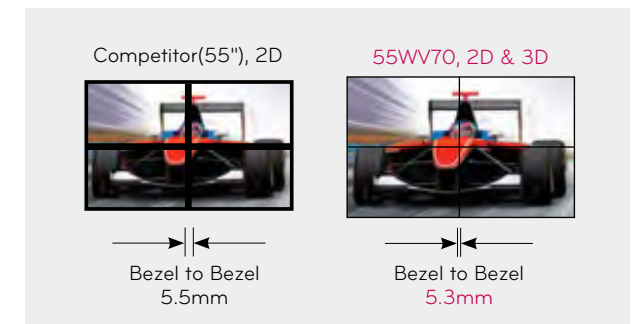
LED & Narrowest Bezel

WV SERIES

Virtually Seamless Video Wall

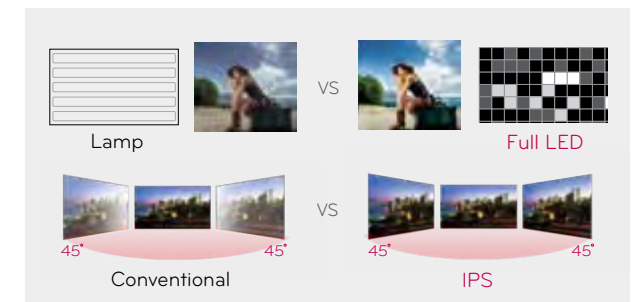
SLIMMER BEZEL

- The slim bezels create powerful and impactful video walls that can be easily installed, maintained and managed.



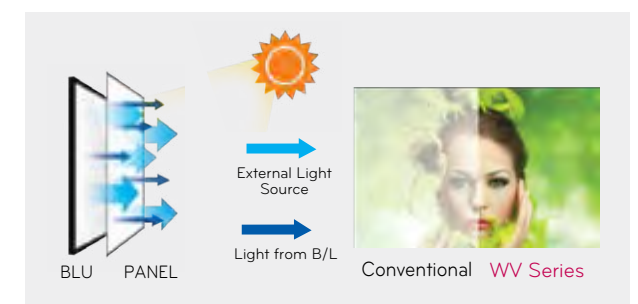
HIGH PICTURE QUALITY

- Clear & Vivid picture with deeper black
- World best dynamic CR (500,000 : 1 ↑)
- Wide Viewing Angle
- Providing clear image virtually at any angle.



SHINE-OUT

- Perfect fit for window display by reflecting away the sunlight for best image visibility and clearer display under direct sunlight than conventional panel.



AUTO CALIBRATION

- Auto calibration software bundled will help you to get the perfect color and brightness uniformity.



WV Series



55WV70MD



55WV70 / 55WV70B

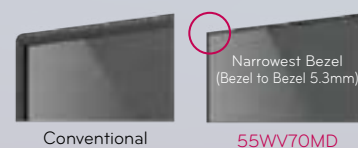


47WV30 / 47WV30B



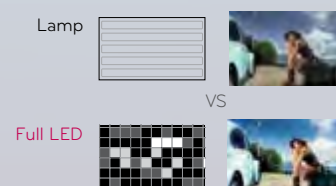
NARROWEST BEZEL

- The narrowest bezel creates powerful and impactful video walls that can be easily installed, maintained and managed.



HIGH PICTURE QUALITY

- Clear & vivid picture with deeper black
- World's best dynamic CR (500,000 : 1)



AUTO CALIBRATION

- Auto calibration software bundled will help you to get the perfect color and brightness uniformity.



3D LED & NARROWEST BEZEL

WV70MD

55F"

- 3D (FPR Type)
- Narrowest Bezel : 5.3mm (Bezel to Bezel)
- Slim Depth : 99mm
- 450nit (2D), 170nit (3D)
- Auto Calibration Software (SuperSign Elite-c)
- Wide Viewing Angle
- Smart Energy Saving (Low Power Consumption)



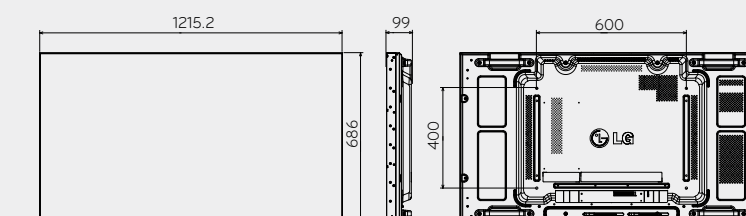
SPECIFICATIONS

PANEL

- Screen Size : 55"
- Panel Technology : IPS (LED BLU)
- Aspect Ratio : 16 : 9
- Native Resolution : 1,920 x 1,080 (FHD)
- Brightness : 450nit (2D), 170nit (3D)
- Contrast Ratio : 1,400 : 1
- Dynamic CR : 500,000 : 1
- Viewing Angle (H x V) : 178 x 178
- Response Time : 8ms (G to G, *WOT)

*WOT : Within Operation Temperature

DIMENSION (UNIT : MM)



AUDIO

- Auto Volume : No
- Balance : Yes
- Audio Power : 20W (10W x 2)
- Speaker On/Off : Yes
- Clear Voice II : Yes
- Sound Mode : Standard, Music, Cinema, Sports, Game

PHYSICAL SPECIFICATION

- Bezel Width : 3.4mm (Left / Top) / 1.9mm (Right / Bottom)

INTERFACE





SLIMMER BEZEL

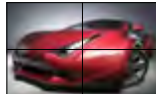
- The slim bezels create powerful and impactful video walls that can be easily installed, maintained and managed.

Competitor(55")



Bezel to Bezel
5.5mm

55WV70/70B



Bezel to Bezel
5.3mm

LOW POWER CONSUMPTION

- By using LED panels without mercury or other harmful substances, WV70 is eco-friendlier than any of its competitors. Most of all, WV70 consumes less energy.

Competitor



225W

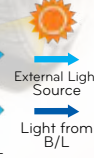
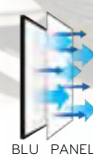
55WV70



210W(Typ), 120W(SES)

SHINE-OUT

- Perfect fit for window display by reflecting away the sunlight for best image visibility and clearer display under direct sunlight than conventional panel.



Conventional 55WV70

LED & NARROWEST BEZEL

55WV70 55WV70B

55F"

- Narrowest Bezel : 5.3mm (Bezel to Bezel)
- Slim Depth : 99mm
- 800nit (55WV70), 500nit (55WV70B)
- Shine-Out (Semi-Outdoor Usage) (55WV70)
- Auto Calibration Software (SuperSign Elite-c)
- Wide Viewing Angle
- Smart Energy Saving (Low Power Consumption)



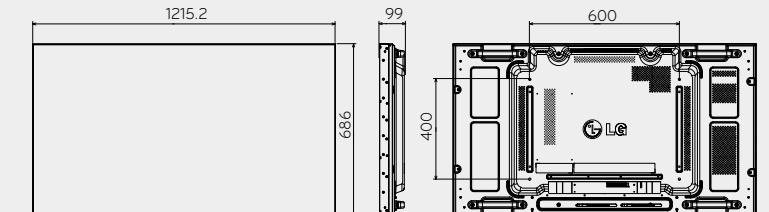
SPECIFICATIONS

PANEL

- Screen Size : 55"
- Panel Technology : IPS (LED BLU)
- Aspect Ratio : 16 : 9
- Native Resolution : 1,920 x 1,080 (FHD)
- Brightness : 800nit (55WV70) 500nit (55WV70B)
- Contrast Ratio : 1,400 : 1
- Dynamic CR : 500,000 : 1
- Viewing Angle (H x V) : 178 x 178
- Response Time : 8ms (G to G, *WOT)

*WOT : Within Operation Temperature

DIMENSION (UNIT : MM)



AUDIO

- Auto Volume : No
- Balance : Yes
- Audio Power : 20W (10W x 2)
- Speaker On/Off : Yes
- Clear Voice II : Yes
- Sound Mode : Standard, Music, Cinema, Sports, Game

PHYSICAL SPECIFICATION

- Bezel Width : 3.4mm (Left / Top) / 1.9mm (Right / Bottom)

INTERFACE

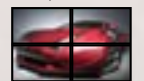




SLIMMER BEZEL

- 6.3-mm thick and 91-mm deep. The slim bezels create powerful and impactful video walls that can be easily installed, maintained and managed.

Competitor(46")



Bezel to Bezel
6.7mm

47WV30/30B



Bezel to Bezel
6.3mm 91mm

LOW POWER CONSUMPTION

- By using LED panels without mercury or other harmful substances, WV30 is eco-friendlier than any of its competitors. Most of all, WV30 consumes less energy.

Competitor



230W

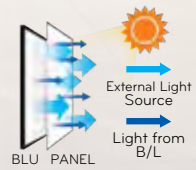
47WV30/30B



160W(Typ)

SHINE-OUT

- Perfect fit for window display by reflecting away the sunlight for best image visibility and clearer display under direct sunlight than conventional panel.



Conventional 47WV30

LED & SUPER NARROW BEZEL

47WV30 47WV30B

47"

- Super Narrow Bezel : 6.3mm (Bezel to Bezel)
- Slim Depth : 91mm
- High Brightness : 800nit (47WV30), 500nit (47WV30B)
- Shine-Out (Semi-Outdoor Usage) (47WV30)
- Auto Calibration Software (SuperSign Elite-c)
- Wide Viewing Angle
- Smart Energy Saving (Low Power Consumption)



SPECIFICATIONS

PANEL

- Screen Size : 47"
- Panel Technology : IPS (LED BLU)
- Aspect Ratio : 16 : 9
- Native Resolution : 1,366 x 768 (HD), 1,920 x 1,080 (at Video Wall)
- Brightness : 800nit (47WV30), 500nit (47WV30B)
- Contrast Ratio : 1,400 : 1
- Dynamic CR : 500,000 : 1
- Viewing Angle (H x V) : 178 x 178
- Response Time : 8ms (G to G, *WOT)

*WOT : Within Operation Temperature

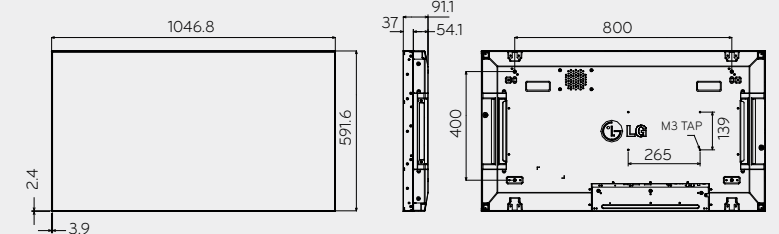
AUDIO

- Auto Volume : No
- Balance : Yes
- Audio Power : 20W (10W x 2)
- Speaker On/Off : Yes
- Clear Voice II : Yes
- Sound Mode : Standard, Music, Cinema, Sports, Game

PHYSICAL SPECIFICATION

- Bezel Width : 3.9mm (Left / Top) / 2.4mm (Right / Bottom)

DIMENSION (UNIT : MM)



INTERFACE

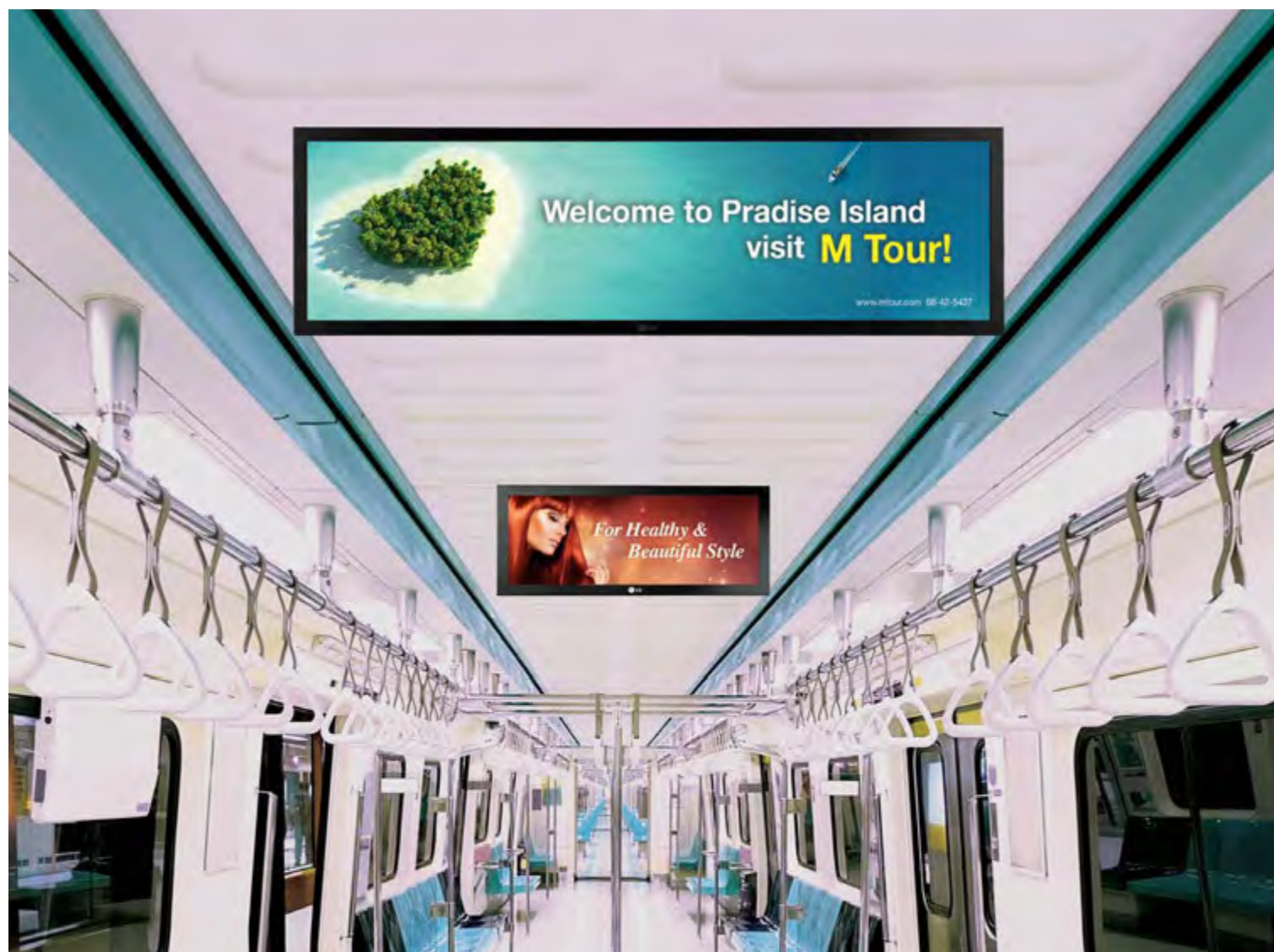


SPECIAL
DISPLAY

STRETCHED DISPLAY

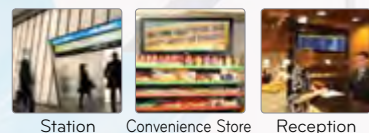
WR SERIES

The distinctively versatile LG Stretched display presents information, advertisements and branding in a new way, shape and form. LG Stretched display allows for a variety of installation options from retail environments to stadiums to quick serve restaurants. Live up a store front with striking product ads. Enhance a directory in a lobby or transportation information with animated content. Whatever the task, you can stretch your possibilities with the LG Stretch Displays.



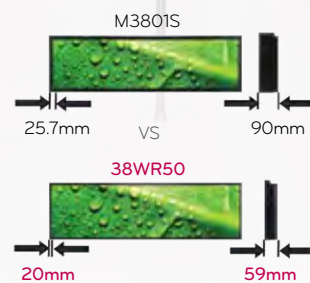
UNIQUE APPLICATION FOR SPACE LIMITATION

- Allows to put the display into areas which are space limited. Enable to use space more effectively & make more space for product display.



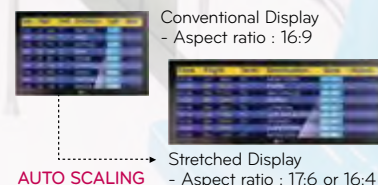
Station Convenience Store Reception

SLIM & NARROW BEZEL



AUTO SCALING DRIVER

- Ensure that content created for conventional displays will be well suited for non-standard aspect ratio.



AUTO SCALING

Stretched Display - Aspect ratio : 17:6 or 16:4

SLIM & SPACE SAVING

38WR50 38"

- LED (TV Panel)
- Narrow Bezel : 21mm (Top/Bottom), 20mm (Left/Right)
- Slim Depth : 59mm
- Auto Scaling Function for Non-Standard Aspect Ratio
- Unique Application for Space Saving
- Smart Energy Saving (Low Power Consumption)



SPECIFICATIONS

PANEL

- Screen Size : 38"
- Panel Technology : IPS (LED BLU)
- Aspect Ratio : 16 : 4
- Native Resolution : 1,920 x 502
- Brightness : 500nit
- Contrast Ratio : 1,400 : 1
- Dynamic CR : N/A
- Viewing Angle (H x V) : 178 x 178
- Response Time : 6ms (G to G)

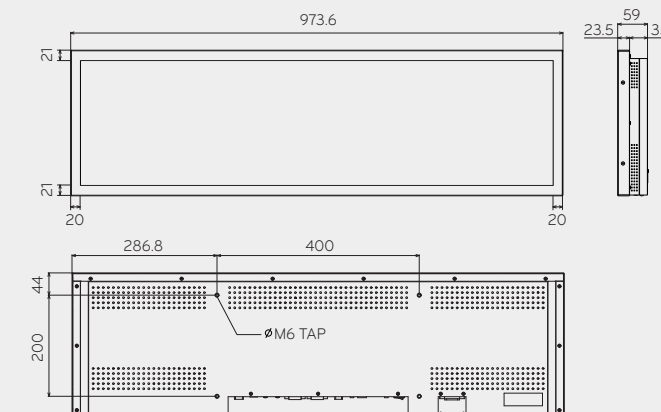
AUDIO

- Auto Volume : No
- Balance : Yes
- Audio Power : 20W (10W x 2)
- Speaker On/Off : Yes
- Clear Voice II : Yes
- Sound Mode : Standard, Music, Cinema, Sports, Game

PHYSICAL SPECIFICATION

- Bezel Width : 21mm (Top / Bottom) / 20mm (Left / Right)

DIMENSION (UNIT : MM)



INTERFACE



SPECIAL DISPLAY

STRETCHED DISPLAY

WIDE VIEW & SPACE SAVING

M3801S

38"

- LCD (TV Panel)
- Bezel : 25.7mm (Top / Bottom / Left / Right)
- Depth : 90mm
- Auto Scaling Function for Non-Standard Aspect Ratio
- Unique Application for Space Saving
- ErP Certified



WIDE VIEW & SPACE SAVING

M2901S

29"

- LCD (TV Panel)
- Bezel : 28.9mm (Top / Bottom), 31.2mm (Left / Right)
- Depth : 86.8mm
- Auto Scaling Function for Non-Standard Aspect Ratio
- Unique Application for Space Saving
- ErP Certified

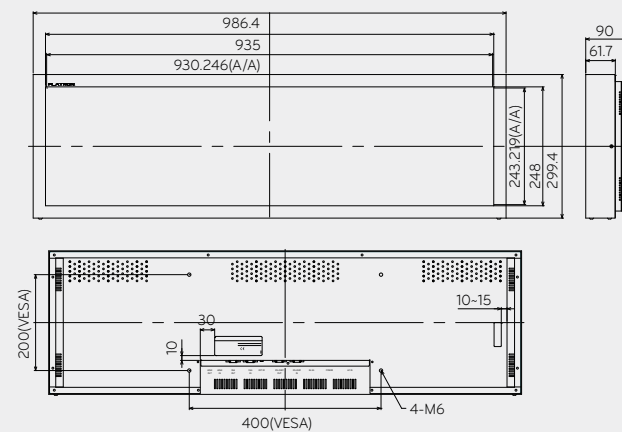


SPECIFICATIONS

PANEL

- Screen Size : 38"
- Panel Technology : IPS
- Aspect Ratio : 16 : 4
- Native Resolution : 1,920 x 502
- Brightness : 420nit
- Contrast Ratio : 1,400 : 1
- Dynamic CR : N/A
- Viewing Angle (H x V) : 178 x 178
- Response Time : 5ms (G to G)

DIMENSION (UNIT : MM)



INTERFACE

PHYSICAL SPECIFICATION

- Bezel Width : 25.7mm (Top / Bottom / Left / Right)

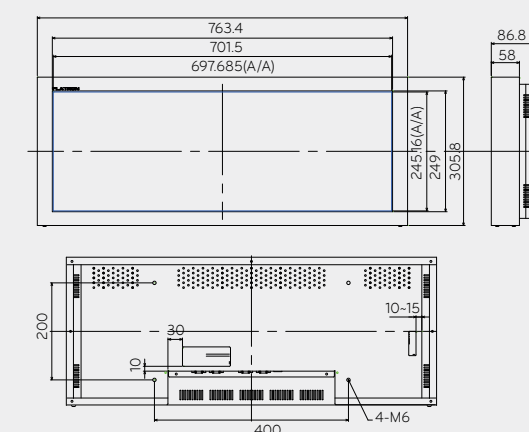


SPECIFICATIONS

PANEL

- Screen Size : 29"
- Panel Technology : IPS
- Aspect Ratio : 17 : 6
- Native Resolution : 1,366 x 480
- Brightness : 420nit
- Contrast Ratio : 1,200 : 1
- Dynamic CR : N/A
- Viewing Angle (H x V) : 178 x 178
- Response Time : 8ms (G to G)

DIMENSION (UNIT : MM)



INTERFACE

PHYSICAL SPECIFICATION

- Bezel Width : 28.9mm (Top / Bottom), 31.2mm (Left / Right)



SPECIAL
DISPLAY
TOUCH
DISPLAY

VT SERIES

Touch the world with LG's 5 point multi touch. Innovative, interactive, sleek, and slender, LG Touch display is gaining widespread attention. It's a fresh approach to communicate and engage in retail or commercial settings.

LG has the IR Spread touch with 178° viewing angles, Full HD compatibility and we offer sizes from 42" and up.



MULTI TOUCH

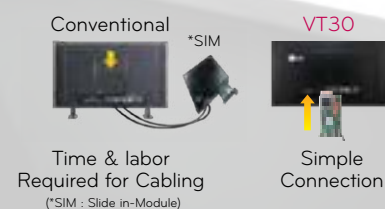
- IR Spread Type (1mm Touch Resolution)
- 5 Point Multi Touch (Windows 7)
- Ghost Free

*IR Spread : LGE's own Cutting-edge Technology

RELIABILITY

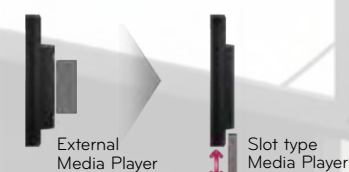
- Protection Glass (2.8mm)
- Anti Fog Film

EASY INSTALLATION & MAINTENANCE



SPACE SAVING

- PC Built-in Ready
(Media Player - CPU : P4500, Core i5)



5 POINT MULTI TOUCH & IR SPREAD

VT30

47F"

- LCD (PD Panel)
- 5 Point Multi Touch (Windows 7)
- IR Spread Type (1mm Touch Resolution)*
- Slim Design for Space Saving
- PC Built-in Ready
(Slot Type Media Player)
- High Reliability : Protection Glass
& Anti Fog Film
- Easy Installation & Maintenance

*IR Spread : LGE's own Cutting-edge Technology



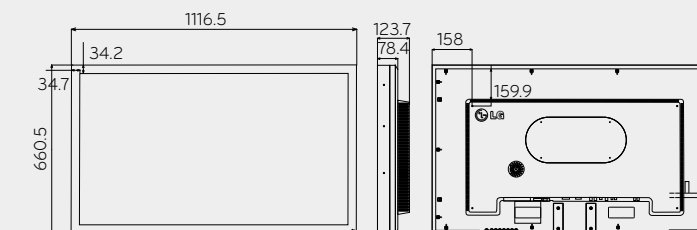
SPECIFICATIONS

PANEL

- Screen Size : 47"
- Panel Technology : IPS
- Aspect Ratio : 16 : 9
- Native Resolution : 1,920 x 1,080 (FHD)
- Brightness : 500nit
- Contrast Ratio : 1,300 : 1
- Dynamic CR : 20,000 : 1
- Viewing Angle (H x V) : 178 x 178
- Response Time : 8ms (G to G, *WOT)

*WOT : Within Operation Temperature

DIMENSION (UNIT : MM)



AUDIO

- Auto Volume : Yes
- Balance : Yes
- Audio Power : 20W (10W x 2)
- Speaker On/Off : Yes
- Clear Voice II : Yes
- Sound Mode : Standard, Music, Cinema, Sports, Game, User

INTERFACE



PHYSICAL SPECIFICATION

- Bezel Width : 34.2mm (Top / Bottom), 34.7mm (Left / Right)

SPECIAL DISPLAY TOUCH DISPLAY

IR LED 2 POINT TOUCH

M4716T

47F"

- LCD (PD Panel)
- IR LED 2 Point Touch (Windows 7)
- High Reliability : Protection Glass
- Cooling FAN
- ErP Certified



IR LED 2 POINT TOUCH

M4214T

42F"

- LCD (PD Panel)
- IR LED 2 Point Touch (Windows 7)
- High Reliability : Protection Glass
- Cooling FAN
- ErP Certified



SPECIFICATIONS

PANEL

- Screen Size : 47"
- Panel Technology : IPS
- Aspect Ratio : 16 : 9
- Native Resolution : 1,920 x 1,080 (FHD)
- Brightness : 500nit
- Contrast Ratio : 1,300 : 1
- Dynamic CR : 3,000 : 1
- Viewing Angle (H x V) : 178 x 178
- Response Time : 8ms (G to G, *WOT)

*WOT : Within Operation Temperature

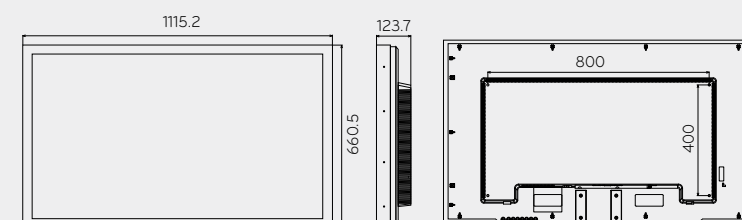
AUDIO

- Auto Volume : Yes
- Balance : Yes
- Audio Power : 20W (10W x 2)
- Speaker On/Off : Yes
- Clear Voice II : No
- Sound Mode : Clear Voice, Standard, Music, Cinema, Sports, Game, User

PHYSICAL SPECIFICATION

- Bezel Width : 35.7mm

DIMENSION (UNIT : MM)



INTERFACE



SPECIFICATIONS

PANEL

- Screen Size : 42"
- Panel Technology : IPS
- Aspect Ratio : 16 : 9
- Native Resolution : 1,920 x 1,080 (FHD)
- Brightness : 500nit
- Contrast Ratio : 1,300 : 1
- Dynamic CR : 3,000 : 1
- Viewing Angle (H x V) : 178 x 178
- Response Time : 8ms (G to G, *WOT)

*WOT : Within Operation Temperature

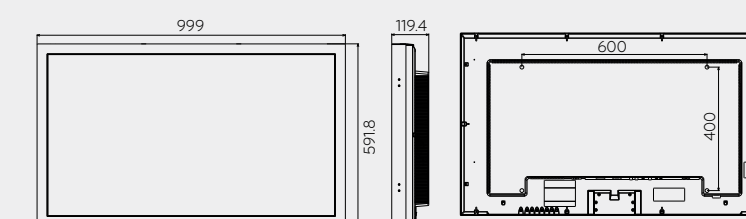
AUDIO

- Auto Volume : Yes
- Balance : Yes
- Audio Power : 20W (10W x 2)
- Speaker On/Off : Yes
- Clear Voice II : No
- Sound Mode : Clear Voice, Standard, Music, Cinema, Sports, Game, User

PHYSICAL SPECIFICATION

- Bezel Width : 35.1mm

DIMENSION (UNIT : MM)



INTERFACE



SPECIAL
DISPLAY

OUT-
DOOR

WX SERIES

With 2000nit high brightness, shine-out, 6mm strengthened protection glass and built-in FANs, LG's new LED Outdoor display called WX series is ideal for heavy duty 24/7 operation in the harshest of outdoor usages. Air curtain cooling features and no blackening defect allow you to boost the advertisement effects greatly in even the hot desert climate countries.



VARIOUS APPLICATION FOR OUTDOOR USAGE



Quick Service Restaurant



Bus Shelter



Gas Station

LED & Ultimate Visibility

WX SERIES

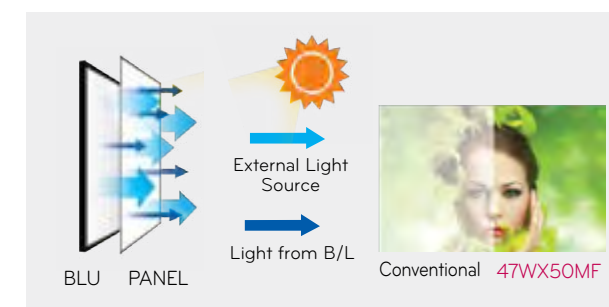
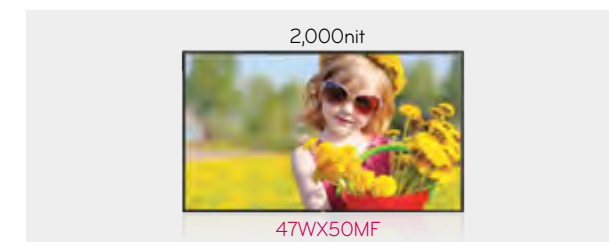
Brightest Outdoor Display

HIGH VISIBILITY

- High Brightness
2,000nit (33% up than LCD 1,500nit)

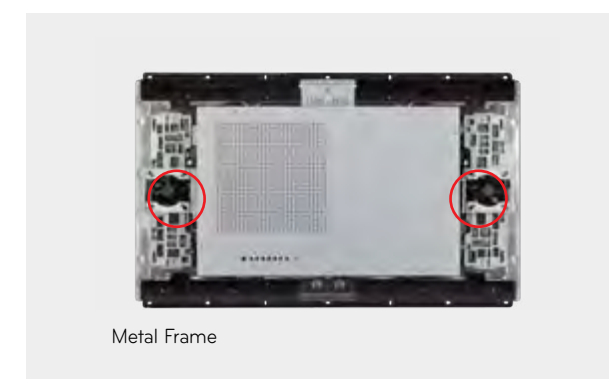
• Shine-Out

Perfect fit for window display by reflecting away the sunlight for best image visibility and clearer display under direct sunlight than conventional panel.



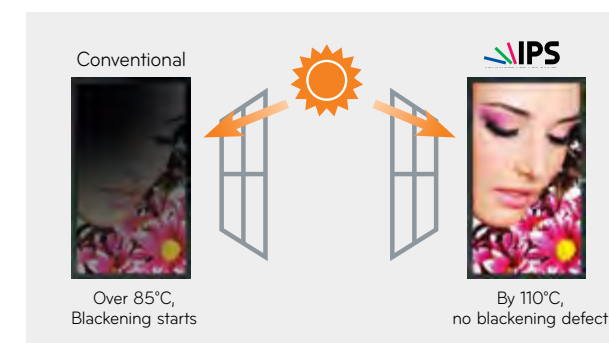
EASY INSTALLATION

- Open Frame Type (Front Mount Type)
- Built-in FANs for optimal ventilation



NO BLACKENING DEFECT

- No need of IR blocker or extra cooling system
- Flexibly usable in various signage environment



WX Series



47WX50MF

BRIGHTEST OUTDOOR DISPLAY

WX50MF

47F"

- LED (PD Panel)
- High Brightness : 2,000nit
- Shine-Out
- No Blackening Defect (Tni : 110°C)
- Easy Customization (Open Frame)
- Built-in FANs for Optimal Ventilation



SPECIFICATIONS

PANEL

- Screen Size : 47"
- Panel Technology : IPS
- Aspect Ratio : 16 : 9
- Native Resolution : 1,920 x 1,080 (FHD)
- Brightness : 2,000nit
- Contrast Ratio : 1,300 : 1
- Dynamic CR : 500,000 : 1
- Viewing Angle (H x V) : 178 x 178
- Response Time : 8ms (G to G, *WOT)

*WOT : Within Operation Temperature

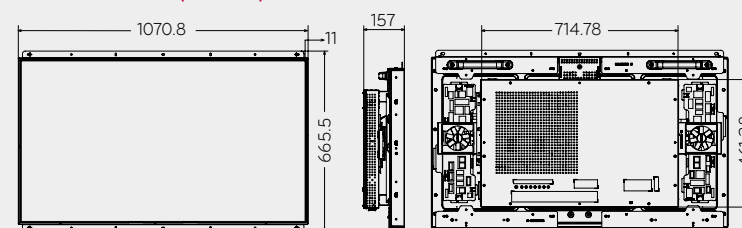
AUDIO

- Auto Volume : Yes
- Balance : Yes
- Audio Power : 20W (10W x 2)
- Speaker On/Off : Yes
- Clear Voice II : Yes
- Sound Mode : Standard, Music, Cinema, Sports, Game

PHYSICAL SPECIFICATION

- Bezel Width : 11.0mm

DIMENSION (UNIT : MM)



INTERFACE



SPECIAL
DISPLAY

SEMI- OUTDOOR

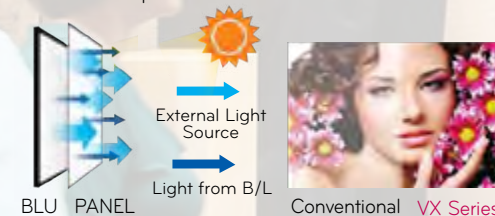
VX SERIES

Take a great advantage of LG's Semi-Outdoor displays called VX series. The main feature of VX series is shine-out function which is extremely useful for preventing eye dazzle under the bright sunlight. Shine-out film is attached to the front display so that it perfectly fits for window display by reflecting away the sunlight for the best image visibility. And also Open Frame which is the most powerful feature of VX30AF allows you to redesign and renovate the display easily as you like.



SHINE-OUT

- Perfect fit for window display by reflecting away the sunlight for best image visibility and clearer display under direct sunlight than conventional panel.



NO BLACKENING DEFECT

- No need of IR blocker or extra cooling system
- Flexibly usable in various signage environment



SHINE-OUT

VX30

42F"/ 47F"

- LCD (PD Panel)
- Brightness : 700nit
- Shine-Out
- No Blackening Defect (Tni : 110℃)
- Media Player Integrated Solution (SuperSign Elite-w, Elite-w lite)



SHINE-OUT & EASY CUSTOMIZATION

VX30AF

47F"

- LCD (PD Panel)
- Brightness : 700nit
- Shine-Out
- No Blackening Defect (Tni : 110℃)
- Media Player Integrated Solution (SuperSign Elite-w, Elite-w lite)
- Easy Customization (Open Frame)



SPECIFICATIONS

PANEL

- Screen Size : 42", 47"
- Panel Technology : IPS
- Aspect Ratio : 16 : 9
- Native Resolution : 1,920 x 1,080 (FHD)
- Brightness : 700nit
- Contrast Ratio : 1,200 : 1
- Dynamic CR : 3,000 : 1
- Viewing Angle (H x V) : 178 x 178
- Response Time : 8ms (G to G, *WOT)

*WOT : Within Operation Temperature

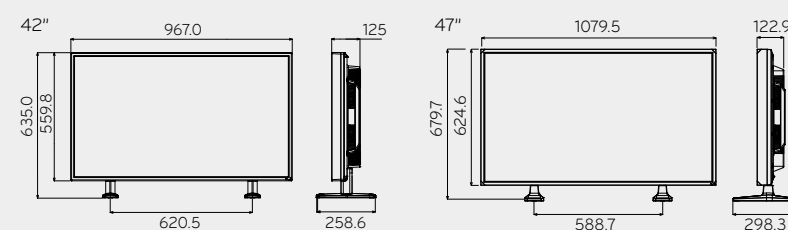
AUDIO

- Auto Volume : Yes
- Balance : Yes
- Audio Power : 20W (10W x 2)
- Speaker On/Off : Yes
- Clear Voice II : Yes
- Sound Mode : Standard, Music, Cinema, Sports, Game

PHYSICAL SPECIFICATION

- Bezel Width : 16.9mm(42"), 17.9mm(47")

DIMENSION (UNIT : MM)



INTERFACE



SPECIFICATIONS

PANEL

- Screen Size : 47"
- Panel Technology : IPS
- Aspect Ratio : 16 : 9
- Native Resolution : 1,920 x 1,080 (FHD)
- Brightness : 700nit
- Contrast Ratio : 1,200 : 1
- Dynamic CR : 3,000 : 1
- Viewing Angle (H x V) : 178 x 178
- Response Time : 8 ms (G to G, *WOT)

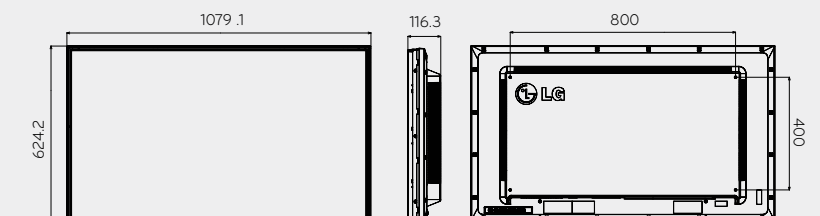
AUDIO

- Auto Volume : Yes
- Balance : Yes
- Audio Power : 20W (10W x 2)
- Speaker On/Off : Yes
- Clear Voice II : Yes
- Sound Mode : Standard, Music, Cinema, Sports, Game

PHYSICAL SPECIFICATION

- Bezel Width : 11.0mm

DIMENSION (UNIT : MM)



INTERFACE



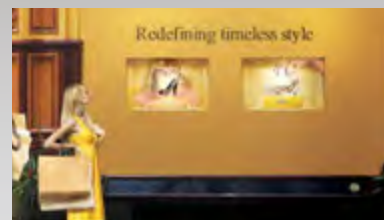
SPECIAL
DISPLAY
**TRANS-
PARENT**

TS SERIES

See the products inside the showcase with the LG's Transparent displays. With Full HD, shine-out, superior color gamut and true color from IPS technology, TS series give you a joyful interaction. TS series's thin LED panel on the front of the transparent display allows promotion images and animations to dynamically interact with the merchandise. Boost the advertisement effects with the TS series.



VARIOUS APPLICATION FOR USAGE



Retail : Show Case, Promotion Tool



Mart : Cooler



Public Venue : Vending Machine

High Contrast & Full Color

TS SERIES

Vivid Transparent Display

HIGH VISIBILITY

• Full HD (47TS30MF)

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

• Superior Color Gamut

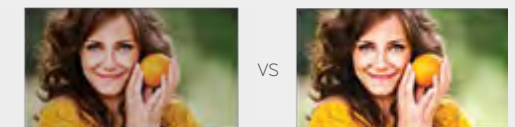
With Superior Color Gamut, TS Series presents more clearer image.

• True Color (IPS)

LG IPS technology provides true vivid color than conventional display.

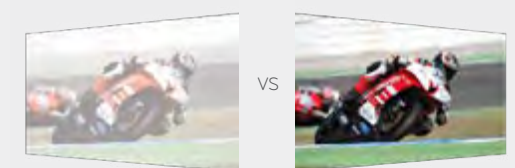
• Shine-Out (47TS30MF)

Perfect fit for window display by reflecting away the sunlight for best image visibility and clearer display under direct sunlight than conventional panel.



Conventional (HD)

47TS30MF (FHD)



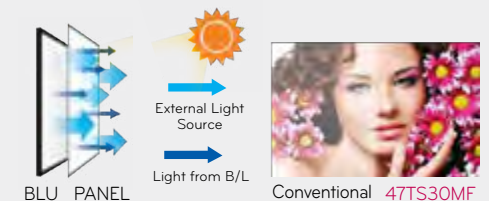
Conventional

TS Series



Conventional

TS Series



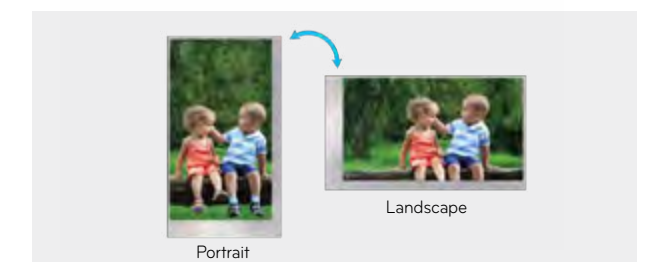
Conventional 47TS30MF

EASY CUSTOMIZATION OPEN FRAME

• TS Series fits to any customer need and circumstance with its open frame. It can be designed according to customer request at an affordable price.

LANDSCAPE & PORTRAIT (47TS30MF)

• Flexible usage with landscape or portrait display according to the display environment.



Portrait

Landscape

TS Series



47TS30MF



26TS30MF

HIGH CR & FULL COLOR

47TS30MF

47F"

- 1,920 x 1,080 (FHD)
- High Contrast Ratio : 1,200 : 1 (Typ)
- Transmittance : 5.5% (Typ)
- Color Gamut : 72%
- Shine-Out (Anti Reflection Coating)
- Bezel : 59 / 17.46 / 17.46 / 106.76mm (T / B / L / R)
- Easy Customization (Open Frame)
- * Kiosks not provided by LGE



HIGH CR & FULL COLOR

26TS30MF

26"

- 1,366 x 768 (HD)
- High Contrast Ratio : 1,000 : 1 (Typ)
- Transmittance : 4.84% (Typ)
- Color Gamut : 68%
- Bezel : 71.5mm (T), 15.6mm (B / L / R)
- Easy Customization (Open Frame)
- * Kiosks not provided by LGE



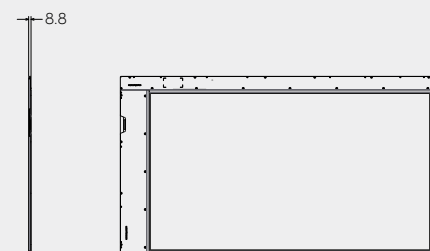
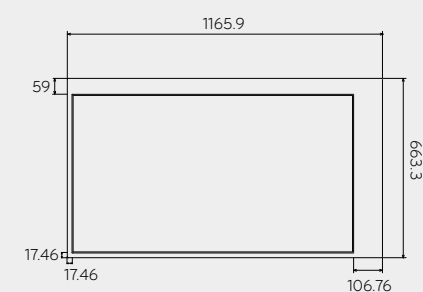
SPECIFICATIONS

PANEL

- Screen Size : 47"
- Panel Technology : IPS
- Aspect Ratio : 16 : 9
- Native Resolution : 1,920 x 1,080 (FHD)
- Transmittance : 5.5% (Typ)
- Contrast Ratio : 1,200 (Typ)
- Dynamic CR : TBD
- Viewing Angle (H x V) : 178 x 178
- Response Time : 6ms (G to G, *WOT)

*WOT : Within Operation Temperature

DIMENSION (UNIT : MM)



PHYSICAL SPECIFICATION

- Bezel Width : 59mm (Top), 17.46mm (Bottom / Left), 106.76mm (Right)

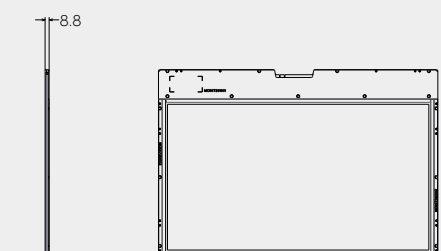
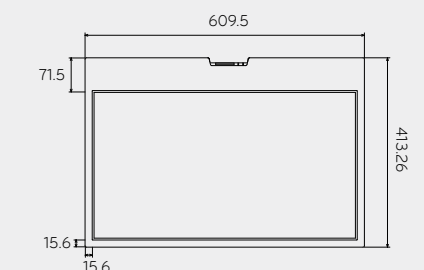
SPECIFICATIONS

PANEL

- Screen Size : 26"
- Panel Technology : IPS
- Aspect Ratio : 16 : 9
- Native Resolution : 1,366 x 768 (HD)
- Transmittance : 4.84% (Typ)
- Contrast Ratio : 1,000 : 1 (Typ)
- Dynamic CR : N/A
- Viewing Angle (H x V) : 178 x 178
- Response Time : 8ms (G to G, *WOT)

*WOT : Within Operation Temperature

DIMENSION (UNIT : MM)



PHYSICAL SPECIFICATION

- Bezel Width : 71.5mm (Top), 15.6mm (Bottom / Left / Right)

MAINSTREAM DISPLAY

SPECIFICATION

LED

					
		84WS70	72WS70	47WS50	42WS50
PANEL	Screen Size Panel Technology Aspect Ratio Native Resolution Brightness Contrast Ratio Dynamic CR Viewing Angle (H x V) Response Time	84" Class IPS (LED BLU) 16 : 9 3,840 x 2,160 (Ultra HD) 500nit 1,400 : 1 (TBD) 500,000 : 1 (TBD) 178 x 178 12ms (TBD)	72" Class (72.07" measured diagonal) IPS (LED BLU) 16 : 9 1,920 x 1,080 (FHD) 700nit 1,200 : 1 500,000 : 1 178 x 178 8ms (G to G, *WOT)	47" Class (46.96" measured diagonal) IPS (LED BLU) 16 : 9 1,920 x 1,080 (FHD) 700nit 1,300 : 1 (TBD) 500,000 : 1 178 x 178 8ms (G to G, *WOT)	42" Class (42.02" measured diagonal) IPS (LED BLU) 16 : 9 1,920 x 1,080 (FHD) 700nit 1,500 : 1 (TBD) TBD 178 x 178 8ms (G to G, *WOT)
CONNECTIVITY	Input (Rear) Digital Analog Audio External Control USB Output (Rear) Digital Analog Audio External Control Audio Auto Volume Balance Audio Power Speaker On/Off Clear Voice II Sound Mode	HDMI(2), DVI-D(1), Display Port(1) Composit(1), RGB(1) RGB / DVI-D / AV / Component (3.5Φ 1) RS232C(1), RJ45(1), IR(1) Yes(2) DVI-D(1) Component(1), Composite(1), RGB(1) (Shared with D-Sub) External Speaker RS232C(1), IR(1) No Yes 20W (10W x 2) Yes Yes Standard, Music, Cinema, Sports, Game	HDMI(1), DVI-D(1), Display Port(1) with HDCP for all input Component(1), Composite(1), RGB(1) (Shared with D-Sub) RGB / DVI-D / AV / Component (3.5Φ 1) RS232C(1), RJ45(1), IR(1) Yes(1) DVI-D(1) Component(1), Composite(1), RGB(1) (Shared with D-Sub) External Speaker RS232C(1) No Yes 20W (10W x 2) Yes Yes Standard, Music, Cinema, Sports, Game	HDMI(1), DVI-D(1), Display Port(1) with HDCP for all input Component(1), Composite(1), RGB(1) (Shared with D-Sub) RGB / DVI-D / AV / Component (3.5Φ 1) RS232C(1), RJ45(1), IR(1) Yes(1) DVI-D(1) Component(1), Composite(1), RGB(1) (Shared with D-Sub) External Speaker RS232C(1), IR(1) No Yes 20W (10W x 2) Yes Yes Standard, Music, Cinema, Sports, Game	HDMI(1), DVI-D(1), Display Port(1) with HDCP for all input Component(1), Composite(1), RGB(1) (Shared with D-Sub) RGB / DVI-D / AV / Component (3.5Φ 1) RS232C(1), RJ45(1), IR(1) Yes(1) DVI-D(1) Component(1), Composite(1), RGB(1) (Shared with D-Sub) External Speaker RS232C(1) No Yes 20W (10W x 2) Yes Yes Standard, Music, Cinema, Sports, Game
PHYSICAL SPECIFICATION	Bezel Width Monitor Dimension (W x H x D) Weight (head) Carton Dimensions (W x H x D) Packed Weight VESA™ Standard Mount Interface	29.5mm 192.5cm x 111.1cm x 10.1cm 17.7kg TBD TBD 600mm x 400mm	38.7mm 167.74cm x 97.94cm x 10.07cm 57.0kg 179.6cm x 109.8cm x 26.9cm (Head Only) 66.2kg (Head Only) 600mm x 400mm	11.5mm 107.18cm x 61.6cm x 3.1cm 15.7kg 119.7cm x 77.0cm x 14.0cm 19.4kg 400mm x 400mm	11.5mm 96.16cm x 55.45cm x 3.19cm 13.6kg (TBD) 108.5cm x 74.0cm x 12.5cm 16.5kg (TBD) 400mm x 400mm
SPECIAL FEATURES	Additional	Smart Energy Saving, Temp Sensor, Auto Brightness Sensor, ISM Method, Key Lock	Smart Energy Saving, Multi-media playback, PIP / PBP, Temp Sensor, Auto Brightness Sensor, Tile mode (Up to 5x5), ISM Method, Key Lock	Smart Energy Saving, Multi-media playback, PIP / PBP, Temp Sensor, Tile mode (Up to 15x15), ISM Method, Key Lock	Smart Energy Saving, Multi-media playback, PIP / PBP, Temp Sensor, Tile mode (Up to 15x15), ISM Method, Key Lock
ENVIRONMENT CONDITIONS	Operation Temperature Operation Humidity	0 °C to 40 °C 10 % to 80 %	0 °C to 40 °C 10 % to 80 %	0 °C to 40 °C 10 % to 80 %	0 °C to 40 °C 10 % to 80 %
POWER	Power Supply Power Consumption Typical Smart Energy Saving on DPMS Power Off	100-240V~, 50/60Hz 450W(Typ), 250W(SES) (TBD) 1W (Set Only), 2W (With External Device) 0.5W	100-240V~, 50/60Hz 500W(Typ), 200W(SES) 1W (Set Only), 2W (With External Device) 0.5W	100-240V~, 50/60Hz 120W(Typ), 85W(SES) 1W (Set Only), 2W (With External Device) 0.5W	100-240V~, 50/60Hz 115W(Typ), 75W(SES) 1W (Set Only), 2W (With External Device) 0.5W
STANDARD (CERTIFICATION)	Safety EMC ErP / Energy Star	UL, cUL, CB scheme, TUV (TBD) FCC Class "A", VCCI, C-tick, CE, KCC (TBD) Yes / Yes (Energy Star 5.1) (TBD)	UL, cUL, CB scheme, TUV FCC Class "A", VCCI, C-tick, CE, KCC Yes / NA	UL, cUL, CB scheme, TUV FCC Class "A", VCCI, C-tick, CE, KCC Yes / Yes (Energy Star 5.1)	UL, cUL, CB scheme, TUV FCC Class "A", VCCI, C-tick, CE, KCC Yes / Yes (TBD)
MEDIA PLAYER COMPATIBILITY	Slot PC compatible (optional) External Media player Attatchable	No MP700, MP500 (PC Built-in Ready)	No Yes	Yes No	Yes TBD
SOFTWARE COMPATIBILITY	Supersign Compatibility	Elite-w 1.3 / Elite-w life 1.3 / Elite-c 1.3	Elite-w / Elite-w life	Elite-w / Elite-w life	Elite-w / Elite-w life
ACCESSORY	Included Optional	Remote Controller, Power Cable, RGB Cable, Manual, ESG Wall Mount, Speaker, Option Board (Box type)	Remote Controller, Power Cable, RGB Cable, Manual, ESG AP-WX60 (Wall Mount)	Remote Controller, Power Cable, RGB Cable, Manual, ESG, IR Receiver AP-WX60 / AP-WX70 (Wall Mount), SP-2000 (Speaker), ST-200T (Stand), MP500 (Media Player)	Remote Controller, Power Cable, RGB Cable, Manual, ESG, IR Receiver AP-WX60 / AP-WX70 (Wall Mount), SP-2000 (Speaker), ST-200T (Stand)

* WOT : Within Operation Temperature
* The specification could be changed without prior notice.

					
		55WS10	47WS10	42WS10	32WL30
PANEL	Screen Size Panel Technology Aspect Ratio Native Resolution Brightness Contrast Ratio Dynamic CR Viewing Angle (H x V) Response Time	55" Class (54.64" measured diagonal) IPS (LED BLU) 16 : 9 1,920 x 1,080 (FHD) 450nit 1,300 : 1 50,000 : 1 178 x 178 8ms (G to G, *WOT)	47" Class (46.96" measured diagonal) IPS (LED BLU) 16 : 9 1,920 x 1,080 (FHD) 450nit 1,300 : 1 50,000 : 1 178 x 178 8ms (G to G, *WOT)	42" Class (42.02" measured diagonal) IPS (LED BLU) 16 : 9 1,920 x 1,080 (FHD) 450nit 1,300 : 1 50,000 : 1 178 x 178 8ms (G to G, *WOT)	32" Class (31.50" measured diagonal) IPS (LED BLU) 16 : 9 1,920 x 1,080 (FHD) 400nit 1,300 : 1 500,000 : 1 178 x 178 16ms (G to G, *WOT)
CONNECTIVITY	Input (Rear) Digital Analog Audio External Control USB Output (Rear) Digital Analog Audio External Control Audio Auto Volume Balance Audio Power Speaker On/Off Clear Voice II Sound Mode	HDMI(1), DVI-D(1), Display Port(1) with HDCP for all input Component(1), Composite(1), RGB(1) (Shared with D-Sub) RGB / DVI-D / AV / Component (3.5Φ 1) RS232C(1), RJ45(1) Yes(1) DVI-D(1) Component(1), Composite(1), RGB(1) (Shared with D-Sub) External Speaker RS232C(1) No Yes 20W (10W x 2) Yes Yes Standard, Music, Cinema, Sports, Game	HDMI(1), DVI-D(1), Display Port(1) with HDCP for all input Component(1), Composite(1), RGB(1) (Shared with D-Sub) RGB / DVI-D / AV / Component (3.5Φ 1) RS232C(1), RJ45(1) Yes(1) DVI-D(1) Component(1), Composite(1), RGB(1) (Shared with D-Sub) External Speaker RS232C(1) No Yes 20W (10W x 2) Yes Yes Standard, Music, Cinema, Sports, Game	HDMI(1), DVI-D(1), Display Port(1) with HDCP for all input Component(1), Composite(1), RGB(1) (Shared with D-Sub) RGB / DVI-D / AV / Component (3.5Φ 1) RS232C(1), RJ45(1) Yes(1) DVI-D(1) Component(1), Composite(1), RGB(1) (Shared with D-Sub) External Speaker RS232C(1) No Yes 20W (10W x 2) Yes Yes Standard, Music, Cinema, Sports, Game	HDMI(1), DVI-D(1) with HDCP for all input RGB(1), Shared Component(1), AV(1) RGB / DVI-D (3.5Φ 1) RS232C(1), RJ45(1) Yes(1) No No External Speaker No No Yes 20W (10W x2) Yes Yes Standard, Music, Cinema, Sports, Game
PHYSICAL SPECIFICATION	Bezel Width Monitor Dimension (W x H x D) Weight (head) Carton Dimensions (W x H x D) Packed Weight VESA™ Standard Mount Interface	33.5mm 128.16cm x 75.24cm x 3.78cm 21.8kg 135.4cm x 85.8cm x 15.9cm 26.8kg 400mm x 400mm	28.0mm 110.2cm x 64.64cm x 3.74cm 17.5kg 118.1cm x 74.5cm x 12.4cm 21.5kg 400mm x 400mm	27.6mm 99.17cm x 58.43cm x 3.75cm 12.6kg 106.9cm x 71.5cm x 10.9cm 15.8kg 400mm x 400mm	18.9mm (Top / Left / Right), 26mm (Bottom) 74.04cm x 44.2cm x 3.56cm 7.9kg 80.5cm x 11.5cm x 59.0cm 9.8kg 200mm x 200mm
SPECIAL FEATURES	Additional	Smart Energy Saving, Multi-media playback, PIP/ PBP, Temp Sensor, Auto Brightness Sensor, Tile mode (Up to 5x5), ISM Method, Key Lock"	Smart Energy Saving, Multi-media playback, PIP/ PBP, Temp Sensor, Auto Brightness Sensor, Tile mode (Up to 5x5), ISM Method, Key Lock	Smart Energy Saving, Multi-media playback, PIP/ PBP, Temp Sensor, Auto Brightness Sensor, Tile mode (Up to 5x5), ISM Method, Key Lock	Smart Energy Saving, Multi-media playback, PIP/ PBP, Temp Sensor, Tile mode (Up to 5x5), ISM Method, Key Lock
ENVIRONMENT CONDITIONS	Operation Temperature Operation Humidity	0 °C to 40 °C 10 % to 80 %	0 °C to 40 °C 10 % to 80 %	0 °C to 40 °C 10 % to 80 %	0 °C to 40 °C 10 % to 80 %
POWER	Power Supply Power Consumption Typical Smart Energy Saving on DPMS Power Off	100-240V~, 50/60Hz 140W(Typ), 95W(SES) 1W (Set Only), 2W (With External Device) 0.5W	100-240V~, 50/60Hz 120W(Typ), 85W(SES) 1W (Set Only), 2W (With External Device) 0.5W	100-240V~, 50/60Hz 115W(Typ), 75W(SES) 1W (Set Only), 2W (With External Device) 0.5W	100-240V~, 50/60Hz 65W(Typ), 45W(SES) 1W (Set Only) 0.5W
STANDARD (CERTIFICATION)	Safety EMC ErP / Energy Star	UL, cUL, CB scheme, TUV FCC Class "B", VCCI, C-tick, CE, KCC Yes / Yes (Energy Star 5.1)	UL, cUL, CB scheme, TUV FCC Class "B", VCCI, C-tick, CE, KCC Yes / Yes (Energy Star 5.1)	UL, cUL, CB scheme, TUV FCC Class "B", VCCI, C-tick, CE, KCC Yes / Yes (Energy Star 5.1)	UL, cUL, CB scheme, TUV FCC Class "B", VCCI, C-tick, CE, KCC Yes / Yes (Energy Star 5.1)
MEDIA PLAYER COMPATIBILITY	Slot PC compatible (optional) External Media player Attatchable	No Yes	No Yes	No Yes	No Yes
SOFTWARE COMPATIBILITY	Supersign Compatibility	Elite-w / Elite-w life	Elite-w / Elite-w life	Elite-w / Elite-w life	Elite-w / Elite-w life
ACCESSORY	Included Optional	Remote Controller, Power Cable, RGB Cable, Manual, ESG AP-WX60 (Wall Mount), SP-2000 (Speaker), ST-200T (Stand)	Remote Controller, Power Cable, RGB Cable, Manual, ESG AP-WX60 (Wall Mount), SP-2000 (Speaker), ST-200T (Stand)	Remote Controller, Power Cable, RGB Cable, Manual, ESG AP-WX60 (Wall Mount), SP-2000 (Speaker), ST-200T (Stand)	Remote Controller, Power Cable, RGB Cable, Manual, ESG LSW200AX (Wall Mount), SP-2000 (Speaker), TBD (Stand)

* WOT : Within Operation Temperature
* The specification could be changed without prior notice.

MAINSTREAM DISPLAY

SPECIFICATION

LCD

						
		55VS20	47VS20	42VS20	65VS10	47VS10
PANEL	Screen Size Panel Technology Aspect Ratio Native Resolution Brightness Contrast Ratio Dynamic CR Viewing Angle (H x V) Response Time	55" Class (54.64" measured diagonal) IPS 16 : 9 1,920 x 1,080 (FHD) 700nit 1,300 : 1 3,000 : 1 178 x 178 8ms (G to G, *WOT)	47" Class (46.96" measured diagonal) IPS 16 : 9 1,920 x 1,080 (FHD) 700nit 1,200 : 1 3,000 : 1 178 x 178 8ms (G to G, *WOT)	42" Class (42.02" measured diagonal) IPS 16 : 9 1,920 x 1,080 (FHD) 700nit 1,200 : 1 3,000 : 1 178 x 178 8ms (G to G, *WOT)	65" Class (64.53" measured diagonal) VA 16 : 9 1,920 x 1,080 (FHD) 700nit 5,000 : 1 10,000 : 1 178 x 178 8ms (G to G)	47" Class (46.96" measured diagonal) IPS 16 : 9 1,920 x 1,080 (FHD) 500nit 1,300 : 1 20,000 : 1 178 x 178 8ms (G to G, *WOT)
CONNECTIVITY	Input (Rear) Digital Analog Audio External Control USB Output (Rear) Digital Analog Audio External Control Audio Auto Volume Balance Audio Power Speaker On/Off Clear Voice II Sound Mode	HDMI (1), DVI(1), Display Port(1) with HDCP for all input Component(1), AV(1), RGB(1) (Shared with D-Sub) PC / AV / Component Audio In(1) RS232C(1), RJ45(1) Yes(1) DVI-D(1) Component(1), Composite(1), RGB(1) (Shared with D-Sub) External Speaker RS232C No Yes 20W (10W x 2) Yes Yes Standard, Music, Cinema, Sports, Game	HDMI(1), DVI(1), Display Port(1) with HDCP for all input Component(1), AV(1), RGB(1) (Shared with D-Sub) PC / AV / Component Audio In(1) RS232C(1), RJ45(1) Yes(1) DVI-D(1) Component(1), Composite(1), RGB(1) (Shared with D-Sub) External Speaker RS232C No Yes 20W (10W x 2) Yes Yes Standard, Music, Cinema, Sports, Game	HDMI(1), DVI(1), Display Port(1) with HDCP for all input Component(BNC 1), Composite(BNC 1), RGB(1) (Shared with D-Sub) PC / AV / Component Audio In(1) RS232C(1), RJ45(1) Yes(1) DVI-D(1) Component(1), Composite(1), RGB(1) (Shared with D-Sub) External Speaker RS232C No Yes 20W (10W x 2) Yes Yes Standard, Music, Cinema, Sports, Game	HDMI / DVI(1) with HDCP Component(BNC 1), Composite(BNC 1), RGB(1) RGB / DVI(3.5Φ 1), Component(RCA 1), Composite(RCA 1) RS232C(1), RJ45(1) Yes(1) No Composite (RCA 1), External Speaker RS232C(1) Yes Yes 20W (10W x 2) Yes Yes Standard, Music, Cinema, Sports, Game	HDMI / DVI(1) with HDCP RGB / DVI(3.5Φ 1), Component(RCA 1), Composite(RCA 1) RS232C(1), RJ45(1) Yes(1) No Composite (RCA 1), External Speaker RS232C(1) Yes Yes 20W (10W x 2) Yes Yes Standard, Music, Cinema, Sports, Game
PHYSICAL SPECIFICATION	Bezel Width Monitor Dimension (W x H x D) Weight (head) Carton Dimensions (W x H x D) Packed Weight VESA™ Standard Mount Interface	18.9mm 125.1cm x 72.2cm x 10.4cm 34.5kg 135.6cm x 85.8cm x 27.6cm 43.4kg 800mm x 400mm	17.9mm 107.95cm x 62.46cm x 12.29cm 22.2kg 118.2cm x 74.3cm x 26.9cm 29.6kg 800mm x 400mm	16.9mm 96.7cm x 56.1cm x 12.5cm 17.5kg 104.5cm x 66.0cm x 25.0cm 21.87kg 600mm x 400mm	49.0mm 153.54cm x 90.76cm x 13.67cm 52kg 169.0cm x 103.0cm x 33.0cm (Head Only) 59.6kg (Head Only) 600mm x 400mm	36mm 111.70cm x 66.10cm x 11.87cm 28.80kg 120.3cm x 77.8cm x 33.2cm 31.53kg 800mm x 400mm
SPECIAL FEATURES	Additional	Smart Energy Saving, Multi-media playback, PIP/ PBP, Temp. Sensor, Tile mode (Up to 15x15), ISM Method, Key Lock	Smart Energy Saving, Multi-media playback, PIP/ PBP, Temp. Sensor, Tile mode (Up to 15x15), ISM Method, Key Lock	Smart Energy Saving, Multi-media playback, PIP/ PBP, Temp. Sensor, Tile mode (Up to 15x15), ISM Method, Key Lock	Temp. Sensor, USB playback, Tile mode (Up to 5x5), ISM Method, Key Lock	Temp. Sensor, USB playback, Tile mode (Up to 5x5), ISM Method, Key Lock
ENVIRONMENT CONDITIONS	Operation Temperature Operation Humidity	0 °C to 40 °C 10 % to 80 %	0 °C to 40 °C 10 % to 80 %	0 °C to 40 °C 10 % to 80 %	0 °C to 40 °C 10 % to 80 %	0 °C to 40 °C 10 % to 80 %
POWER	Power Supply Power Consumption Typical Smart Energy Saving on DPMS Power Off	100-240V~, 50/60Hz 260W(Typ), 160W(SES) 1.0W (Set Only) 0.5W	100-240V~, 50/60Hz 180W(Typ), 130W(SES) 1.0W (Set Only) 0.5W	100-240V~, 50/60Hz 170W(Typ), 130W(SES) 1.0W (Set Only) 0.5W	100-240V~, 50/60Hz 420W(Typ) 1W (RGB), 1W (HDMI / DVI) 0.5W	100-240V~, 50/60Hz 240W(Typ) 1W (RGB), 1W (HDMI / DVI) 0.5W
STANDARD (CERTIFICATION)	Safety EMC ErP / Energy Star	UL, cUL, CB scheme, TUV FCC Class "B", CE, KCC Yes / Yes (EPA 5.1)	UL, cUL, CB scheme, TUV FCC Class "B", CE, KCC Yes / Yes (EPA 5.1)	UL, cUL, CB scheme, TUV FCC Class "B", CE, KCC Yes / Yes (EPA 5.1)	UL, cUL, CB scheme, TUV FCC Class "B", VCCI, C-tick, CE, KCC Yes / NA	UL, cUL, CB scheme, TUV FCC Class "A", CE, KCC Yes / No
MEDIA PLAYER COMPATIBILITY	Slot PC compatible (optional) External Media player Attachable	No Yes	No Yes	No Yes	No Yes	Yes Yes
SOFTWARE COMPATIBILITY	Supersign Compatibility	Elite-w / Elite-w lite	Elite-w / Elite-w lite	Elite-w / Elite-w lite	Elite-s, eZ-net Manager	Elite-s, eZ-net Manager
ACCESSORY	Included Optional	Remote Controller, Power Cable, RGB Cable, Manual AP-WX60 (Wall Mount), ST1000K (Stand), SP0000K (Speaker)	Remote Controller, Power Cable, RGB Cable, Manual AP-WX60 (Wall Mount), ST1000K (Stand), SP0000K (Speaker)	Remote Controller, Power Cable, RGB Cable, Manual AP-WX60 (Wall Mount), SP0000K (Speaker), ST0000K (Stand)	Remote Controller, Power Cable, RGB Cable, Manual, ESG AP-WX60 (Wall Mount)	Remote Controller, Power Cable, RGB Cable, Manual, ESG AP-WX60 (Wall Mount), ST4710K (Stand), SP0000K (Speaker)

* WOT : Within Operation Temperature
* The specification could be changed without prior notice.

						
		42VS10	32VS10	M3704C	47VL10	M4210L
PANEL	Screen Size Panel Technology Aspect Ratio Native Resolution Brightness Contrast Ratio Dynamic CR Viewing Angle (H x V) Response Time	42" Class (42.02" measured diagonal) IPS 16 : 9 1,920 x 1,080 (FHD) 500nit 1,300 : 1 40,000 : 1 178 x 178 8ms (G to G, *WOT)	32" Class (31.50" measured diagonal) VA 16 : 9 1,366 x 768 (WXGA) 450nit 3,000 : 1 (Typ) 20,000 : 1 178 x 178 6.5ms (G to G)	37" Class (37.01" measured diagonal) IPS 16 : 9 1,920 x 1,080 (FHD) 500nit 1,500 : 1 10,000 : 1 178 x 178 5ms (G to G)	47" Class (46.96" measured diagonal) IPS 16 : 9 1,920 x 1,080 (FHD) 500nit 1,300 : 1 3,000 : 1 178 x 178 8ms (G to G, *WOT)	42" Class (42.02" measured diagonal) IPS 16 : 9 1,920 x 1,080 (FHD) 500nit 1,300 : 1 3,000 : 1 178 x 178 8ms (G to G, *WOT)
CONNECTIVITY	Input (Rear) Digital Analog Audio External Control USB Output (Rear) Digital Analog Audio External Control Audio Auto Volume Balance Audio Power Speaker On/Off Clear Voice II Sound Mode	HDMI / DVI(1) with HDCP Component(BNC 1), Composite(BNC 1), RGB(1) RGB/ DVI(3.5Φ 1), Component(RCA 1), Composite(RCA 1) RS232C(1), RJ45(1) Yes(1) No RGB(1), Composite(BNC 1) Composite(RCA 1), External Speaker RS232C(1) Yes Yes 20W (10W x 2) Yes Yes Standard, Music, Cinema, Sports, Game	HDMI / DVI(1) with HDCP Component(BNC 1), Composite(BNC 1), RGB(1) RGB/ DVI(3.5Φ 1), Component(RCA 1), Composite(RCA 1) RS232C(1), RJ45(1) Yes(1) No RGB(1), Composite(BNC 1) Composite(RCA 1), External Speaker RS232C(1) Yes Yes 20W (10W x 2) Yes Yes Standard, Music, Cinema, Sports, Game	HDMI / DVI(1) with HDCP Component(BNC 1), Composite(BNC 1), RGB(1) RGB / DVI(3.5Φ 1), Component(RCA 1), Composite(RCA 1) RS232C(1), RJ45(1) Yes(1) No RGB (1), Composite (BNC 1) Composite (RCA 1), External Speaker RS232C(1) Yes Yes 20W (10W x 2) Yes Yes Standard, Music, Cinema, Sports, Game	HDMI / DVI(1) with HDCP Composite(BNC 1), RGB(1) RGB / DVI(3.5Φ 1), Component(RCA 1) RS232C(1), RJ45(1) No No External Speaker No Yes 20W (10W x 2) Yes No Clear Voice, Standard, Music, Cinema, Sports, Game, User	HDMI / DVI(1) with HDCP Composite(BNC 1), RGB(1) RGB / DVI(3.5Φ 1), Component(RCA 1) RS232C(1) No No External Speaker No Yes 20W (10W x 2) Yes No Clear Voice, Standard, Music, Cinema, Sports, Game, User
PHYSICAL SPECIFICATION	Bezel Width Monitor Dimension (W x H x D) Weight (head) Carton Dimensions (W x H x D) Packed Weight VESA™ Standard Mount Interface	30.4mm 99.56cm x 58.76cm x 11.37cm 19.70kg 112.0cm x 66.0cm x 28.5cm 20.24kg 600mm x 400mm	51.5mm 80.29cm x 49.30cm x 9.98cm 13.2kg 88.3cm x 57.8cm x 17.7cm 13.98kg 200mm x 200mm	53.7mm(Top / Bottom), 52.7mm(Left / Right) 92.8cm x 57.12cm x 11.25cm 17.86kg 101.5cm x 68.3cm x 25.3cm (Head Only) 100.4cm x 72.5cm x 25.3cm (Full Package) 17.86kg (Head Only), 23.84kg (Full Package) 600mm x 400mm	36mm 111.70cm x 66.10cm x 11.87cm 28.54kg 120.3cm x 77.8cm x 33.2cm (Head Only) 140.6cm x 81.0cm x 30.0cm (Full Package) 31.27kg (Head Only), 37.62kg (Full Package) 800mm x 400 mm	30.4mm 99.56cm x 58.76cm x 11.37cm 17.76kg 112.0cm x 66.0cm x 28.5cm (Head Only) 133.0cm x 77.2cm x 25.7cm (Full Package) 21.96kg (Head Only), 26.07kg (Full Package) 600mm x 400mm
SPECIAL FEATURES	Additional	Temp. Sensor, USB playback, Tile mode (Up to 5x5), ISM Method, Key Lock	Temp. Sensor, USB playback, Tile mode (Up to 5x5), ISM Method, Key Lock	Temp. Sensor, USB playback, Tile mode (Up to 5x5), ISM Method, Key Lock	Tile mode (Up to 5x5), ISM Method, Key Lock	Tile mode (Up to 5x5), ISM Method, Key Lock
ENVIRONMENT CONDITIONS	Operation Temperature Operation Humidity	0 °C to 40 °C 10 % to 80 %	0 °C to 40 °C 10 % to 80 %	0 °C to 40 °C 10 % to 80 %	0 °C to 40 °C 10 % to 80 %	0 °C to 40 °C 10 % to 80 %
POWER	Power Supply Power Consumption Typical Smart Energy Saving on DPMS Power Off	100-240V~, 50/60Hz 200W(Typ) 1W (RGB), 1W (HDMI / DVI) 0.5W	100-240V~, 50/60Hz 100W(Typ) 1W (RGB), 1W (HDMI / DVI) 0.5W	100-240V~, 50/60Hz 150W(Typ) 1W (RGB), 1W (HDMI / DVI) 0.5W	100-240V~, 50/60Hz 260W(Typ) 1W (RGB), 2W (HDMI / DVI) 0.5W	100-240V~, 50/60Hz 220W(Typ) 1W (RGB), 2W (HDMI / DVI) 0.5W
STANDARD (CERTIFICATION)	Safety EMC ErP / Energy Star	UL, cUL, CB scheme, TUV FCC Class "A", CE, KCC Yes / No	UL, cUL, CB scheme, TUV FCC Class "A", CE, KCC Yes / No	UL, cUL, CB scheme, TUV FCC Class "B", VCCI, C-tick, CE, KCC Yes / Yes (Energy Star 5.1)	UL, cUL, CB scheme, TUV FCC Class "B", VCCI, C-tick, CE, KCC Yes / Yes (Energy Star 5.0)	UL, cUL, CB scheme, TUV FCC Class "B", VCCI, C-tick, CE, KCC Yes / Yes (Energy Star 5.0)
MEDIA PLAYER COMPATIBILITY	Slot PC compatible (optional) External Media player Attachable	Yes Yes	Yes No	No Yes	No Yes	No Yes
SOFTWARE COMPATIBILITY	Supersign Compatibility	Elite-s, eZ-net Manager	Elite-s, eZ-net Manager	Elite-s, eZ-net Manager	Elite-s, eZ-net Manager	Elite-s
ACCESSORY	Included Optional	Remote Controller, Power Cable, RGB Cable, Manual, ESG AP-WX60 (Wall Mount), ST4210K (Stand), SP0000K (Speaker)	Remote Controller, Power Cable, RGB Cable, Manual, ESG RW220 (Wall Mount), ST3210K (Stand), SP0000K (Speaker)	Remote Controller, Power Cable, RGB Cable, Manual, ESG AP-WX60 (Wall Mount), ST3710K (Stand), SP0000K (Speaker)	Remote Controller, Power Cable, RGB Cable, Manual, ESG AP-WX60 (Wall Mount), ST4710K (Stand), SP0000K (Speaker)	Remote Controller, Power Cable, RGB Cable, Manual, ESG AP-WX60 (Wall Mount), ST4210K (Stand), SP0000K (Speaker)

* WOT : Within Operation Temperature
* The specification could be changed without prior notice.
* M3704C is available until Q2 2013.

SPECIAL DISPLAY

SPECIFICATION

VIDEO WALL / STRETCHED / TOUCH

						
		55WV70MD	55WV70	55WV70B	47WV30	47WV30B
PANEL	Screen Size	55" (54.64" measured diagonal)	55" (54.64" measured diagonal)	55" (54.64" measured diagonal)	47" (46.97" measured diagonal)	47" (46.97" measured diagonal)
	Panel Technology	IPS (LED BLU)	IPS (LED BLU)	IPS (LED BLU)	IPS (LED BLU)	IPS (LED BLU)
	Aspect Ratio	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)	1,366 x 768 (HD), 1,920 x 1,080 at Video Wall	1,366 x 768 (HD), 1,920 x 1,080 at Video Wall
	Brightness	450nit (2D) / 170nit (3D)	800nit	500nit	800nit	500nit
	Contrast Ratio	1,400 : 1	1,400 : 1	1,400 : 1	1,400 : 1	1,400 : 1
	Dynamic CR	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
	Response Time	8ms (G to G, *WOT)	8ms (G to G, *WOT)	8ms (G to G, *WOT)	8ms (G to G, *WOT)	8ms (G to G, *WOT)
CONNECTIVITY	Input (Rear)	Digital DVI-D(1), HDMI(1), Display Port(1) with HDCP Analog RGB(1), Shared Component(1), AV(1)	DVI-D(1), HDMI(1), Display Port(1) with HDCP RGB(1), Shared Component(1), AV(1)	DVI-D(1), HDMI(1), Display Port(1) with HDCP RGB(1), Shared Component(1), AV(1)	HDMI / DVI with HDCP RGB(1), Component(BNC, 1), AV(BNC, 1)	HDMI / DVI with HDCP RGB(1), Component(BNC, 1), AV(BNC, 1)
	Audio	PC Audio In(1)	PC Audio In(1)	PC Audio In(1)	PC Audio In(1), AV / Component Audio(RCA,1)	PC Audio In(1), AV/ Component Audio(RCA,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)
	USB	Yes(1)	Yes(1)	Yes(1)	Yes(1)	Yes(1)
	Output (Rear)	Digital DVI-D(1) Analog RGB(1)	DVI-D(1) RGB(1)	DVI-D(1) RGB(1)	DVI-D(1) RGB(1)	DVI-D(1) RGB(1)
	Audio	External Speaker(1) RS232C(1)	External Speaker(1) RS232C(1)	External Speaker(1) RS232C(1)	External Speaker(1) RS232C(1)	External Speaker(1) RS232C(1)
	Auto Volume	No	No	No	No	No
	Balance	Yes	Yes	Yes	Yes	Yes
	Audio Power	20W (10W x 2)	20W (10W x 2)	20W (10W x 2)	20W (10W x 2)	20W (10W x 2)
PHYSICAL SPECIFICATION	Bezel Width	3.4mm (Top / Left) / 19mm (Bottom / Right)	3.4mm (Top / Left) / 19mm (Bottom / Right)	3.4mm (Top / Left) / 19mm (Bottom / Right)	3.9mm (Top / Left) / 2.4mm (Bottom / Right)	3.9mm (Top / Left) / 2.4mm (Bottom / Right)
	Monitor Dimension (W x H x D)	121.5cm x 68.6cm x 9.9cm	121.52cm x 68.6cm x 9.9cm	121.5cm x 68.6cm x 9.9cm	104.68cm x 59.16cm x 9.11cm	104.68cm x 59.16cm x 9.11cm
	Weight (head)	33.4kg	33.4kg	33.4kg	29kg	29kg
	Carton Dimensions (W x H x D)	140.0cm x 80.5cm x 33.0cm (Box outer size)	140.0cm x 80.5cm x 33.0cm (Box outer size)	140.0cm x 80.5cm x 33.0cm (Box outer size)	119.5cm x 75.0cm x 33.5cm	119.5cm x 75.0cm x 33.5cm
SPECIAL FEATURES	Packed Weight	42.4kg	42.4kg	42.4kg	35kg	35kg
	VESA™ Standard Mount Interface	600mm x 400mm	600mm x 400mm	600mm x 400mm	800mm x 400mm	800mm x 400mm
	Additional	Temp sensor, 15 x 15 Tile mode, 2 pairs of Handle, Shine out, 2D to 3D Converter	Temp sensor, 15 x 15 Tile mode, 2 pairs of Handle, Shine out, USB playback	Temp sensor, 15 x 15 Tile mode, 2 pairs of Handle,USB Playback, Hard coating (3H), Anti-glare treat- ment of the front polarizer (Haze 10%)	Temp sensor, 15 x 15 Tile mode, 2 types of Handle, Shine out, USB playback	Temp sensor, 15 x 15 Tile mode, 2 types of Handle, Shine out, USB playback
ENVIRONMENT CONDITIONS	Operation Temperature	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C
	Operation Humidity	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
	Power Consumption					
	Typical / Smart Energy Saving on	240W(Typ), 150W(SES)	210W(Typ), 120W(SES)	160W(Typ), 90W(SES)	180W(Typ), 110W(SES)	180W(Typ), 110W(SES)
	DPM	1.0W (RGB), 1.0W (HDMI)	1.0W (RGB), 1.0W (HDMI)	1.0W (RGB), 1.0W (HDMI)	1.0W (RGB), 1.0W (HDMI)	1.0W (RGB), 1.0W (HDMI)
STANDARD (CERTIFICATION)	Power Off	0.5W	0.5W	0.5W	0.5W	0.5W
	Safety	UL, c-UL, CB, TUV, KC FCC, CE, KCC	UL, c-UL, CB, TUV, KC FCC, CE, KCC	UL, c-UL, CB, TUV, KC FCC, CE, KCC	UL, c-UL, CB, TUV, KC FCC, CE, KCC, VCCI, JQA	UL, cUL, CB, TUV, KC FCC, CE, KCC
	ErP / Energy Star	Yes / Yes (Energy Star 5.1)	Yes / Yes	Yes / Yes	Yes / Yes (Energy Star 5.1)	Yes / Yes (Energy Star 5.1)
MEDIA PLAYER COMPATIBILITY	Slot PC compatible (optional)	No	No	No	No	No
	External Media player Attatchable	Yes	Yes	Yes	Yes	Yes
SOFTWARE COMPATIBILITY	Supersign Compatibility	Elite-w / Elite-w lite (Only Control)	Elite-w / Elite-w lite (Only Control)	Elite-w / Elite-w lite (Only Control)	Elite-w / Elite-w lite (Only Control)	Elite-w / Elite-w lite (Only Control)
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 Core	Remote Controller, Power Cable, RGB Cable, DVI Cable, Manual, IR Receiver, RS-232C Cable, Tiling Guide, Screw, Ring Core	Remote Controller, Power Cable, RGB Cable, DVI Cable, Manual, IR Receiver, RS-232C Cable, Tiling Guide, Screw, Ring Core, WM-B840H (Wall Mount)	Remote Controller, Power Cable, RGB Cable, DVI Cable, Manual, IR Receiver, RS-232C Cable, Tiling Guide, Screw, Ring Core, WM-B840H (Wall Mount)
	Optional					

* WOT : Within Operation Temperature
* The specification could be changed without prior notice.

					
		38WR50	M3801S	M2901S	47VT30
PANEL	Screen Size	38" (37.9" measured diagonal)	38" (37.9" measured diagonal)	29" (29.1" measured diagonal)	47" (46.96" measured diagonal)
	Panel Technology	IPS	IPS	IPS	IPS
	Aspect Ratio	16 : 4	16 : 4	17 : 6	16 : 9
	Native Resolution	1,920 x 502	1,920 x 502	1,366 x 480	1,920 x 1,080 (FHD)
	Brightness	500nit	420nit	420nit	500nit
	Contrast Ratio	1,400 : 1	1,400 : 1	1,200 : 1	1,300 : 1
	Dynamic CR	N/A	N/A	N/A	20,000 : 1
	Viewing Angle (H x V)	178 x 178	178 x 178	178 x 178	178 x 178
	Response Time	6ms (G to G)	5ms (G to G)	8ms (G to G)	8ms (G to G, *WOT)
CONNECTIVITY	Input (Rear)	HDMI(1) / DVI(1), Display Port(1) with HDCP RGB(1)	HDMI / DVI(1) with HDCP RGB(1)	HDMI / DVI(1) with HDCP RGB(1)	HDMI / DVI(1) with HDCP RGB(1)
	Audio	PC Audio In(1)	N/A	N/A	RGB / DVI Audio, Component(RCA 1), Composite(RCA 1)
	External Control	RS232C(1), RJ45(1), External IR(1)	RS232C(1), RJ45(1), External IR(1)	RS232C(1), RJ45(1), External IR(1)	RS232C(1), RJ45(1)
	USB	Yes(1)	N/A	N/A	Yes(1)
	Output (Rear)	Digital DVI-D(1) Analog RGB(1)	N/A RGB(1)	N/A RGB(1)	No RGB(1), Composite(BNC 1)
	Audio	External Speaker(1) RS232C(1)	N/A RS232C(1)	N/A RS232C(1)	Composite(RCA 1), External Speaker RS232C(1)
	Auto Volume	No	N/A	N/A	Yes
	Balance	Yes	N/A	N/A	Yes
PHYSICAL SPECIFICATION	Bezel Width	21mm (Top / Bottom), 20mm (Left / Right)	25.7mm (Top / Bottom / Left / Right)	28.9mm (Top / Bottom), 31.2mm (Left / Right)	34.2mm (Top / Bottom), 34.7mm (Left / Right)
	Monitor Dimension (W x H x D)	97.4cm x 28.8cm x 5.9cm	98.64cm x 29.94cm x 9.0cm	76.34cm x 30.58cm x 8.68cm	111.65cm x 66.05cm x 12.37cm
	Weight (head)	12.5kg	13.8kg(30.42lb)	11.0kg (24.25lb)	38.14kg
	Carton Dimensions (W x H x D)	107.3cm x 45.4cm x 18.1cm	108.7cm x 46.8cm x 19.6cm	86.4cm x 44.7cm x 19.6cm	140.6cm x 81.0cm x 30.0cm
SPECIAL FEATURES	Packed Weight	N/A	16.35kg	13.18kg	42.46kg
	VESA™ Standard Mount Interface	400mm x 200mm	400mm x 200mm	400mm x 200mm	800mm x 400mm
	Additional				5 Point touch (for Windows 7), Protection glass, PC Built in Ready
ENVIRONMENT CONDITIONS	Operation Temperature	0°C to 40°C	5°C to 35°C	5°C to 35°C	0°C to 40°C
	Operation Humidity	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
	Power Consumption				
	Typical / Smart Energy Saving on	90W(Typ) / TBD	90W(Typ)	80W(Typ)	250W(Typ)
	DPM	1.0W (Set Only)	1.0W (RGB), 1.0W (HDMI)	1.0W (RGB), 1.0W (HDMI)	1.0W (RGB), 1.0W (HDMI / DVI)
STANDARD (CERTIFICATION)	Power Off	0.5W	0.5W	0.5W	0.5W
	Safety	UL, c-UL, CB, TUV FCC, CE, C-tick	UL, c-UL, CB, TUV, CCC FCC, CE, C-tick	UL, c-UL, CB, TUV, CCC FCC, CE, C-tick	UL, c-UL, CB, Scheme, TUV FCC Class "A", CE, KCC
	ErP / Energy Star	Yes / Yes (Energy Star 5.1)	Yes / Yes (Energy Star 5.1)	Yes / Yes (Energy Star 5.1)	Yes / No
MEDIA PLAYER COMPATIBILITY	Slot PC compatible (optional)	No	No	No	Yes
	External Media player Attatchable	Yes	Yes	Yes	Yes
SOFTWARE COMPATIBILITY	Supersign Compatibility	Elite-w lite	Elite-s, eZ-net Manager	Elite-s, eZ-net Manager	Elite-s, eZ-net Manager
ACCESSORY	Included	Remote Controller, Power Cable, RGB Cable, Manual, IR Receiver	Remote Controller, Power Cable, RGB Cable, Manual (CD)	Remote Controller, Power Cable, RGB Cable, Manual (CD)	Remote Controller, Power Cable, RGB Cable, Manual, ESG, USB Cable
	Optional	N/A	N/A	N/A	No

* WOT : Within Operation Temperature
* The specification could be changed without prior notice.

SPECIAL DISPLAY
SPECIFICATION

TOUCH / SEMI-OUTDOOR / OUTDOOR / TRANSPARENT



M4716T



M4214T



47WX50MF



47VX30



42VX30



47VX30AF



47TS30MF



26TS30MF

PANEL		47" Class (46.96" measured diagonal)		42" Class (42.02" measured diagonal)		47" Class (46.96" measured diagonal)		47" Class (46.96" measured diagonal)	
		IPS	IPS	IPS	IPS	IPS	IPS	IPS	IPS
CONNECTIVITY	Screen Size	16 : 9		16 : 9		16 : 9		16 : 9	
	Panel Technology	1,920 x 1,080 (FHD)		1,920 x 1,080 (FHD)		1,920 x 1,080 (FHD)		1,920 x 1,080 (FHD)	
CONNECTIVITY	Native Resolution	500nit		500nit		700nit		700nit	
	Brightness	1,300 : 1		1,300 : 1		1,200 : 1		1,200 : 1	
CONNECTIVITY	Contrast Ratio	3,000 : 1		3,000 : 1		3,000 : 1		3,000 : 1	
	Dynamic CR	178 x 178		178 x 178		178 x 178		178 x 178	
CONNECTIVITY	Viewing Angle (H x V)	8ms (G to G, *WOT)		8ms (G to G, *WOT)		8ms (G to G, *WOT)		8ms (G to G, *WOT)	
	Response Time	HDMI / DVI(I) with HDCP		HDMI / DVI(I) with HDCP		HDMI(I), DVI(I), Display Port(I) with HDCP for all input		HDMI(I), DVI(I), Display Port(I) with HDCP for all input	
CONNECTIVITY	Input (Rear)	Component(BNC 1), Composite(BNC 1), RGB(I), S-Video(I)		Component(BNC 1), Composite(BNC 1), RGB(I), S-Video(I)		Component(I), AV(I), RGB(I) (Shared with D-Sub)		Component(I), AV(I), RGB(I) (Shared with D-Sub)	
	Digital	RGB / DVI(3.5Φ 1), Component(RCA 1), Composite(RCA 1)		RGB / DVI(3.5Φ 1), Component(RCA 1), Composite(RCA 1)		PC / AV / Component Audio In(I)		PC / AV / Component Audio In(I)	
CONNECTIVITY	Analog	RS232C(I), RJ45(I), Wired IR(I)		RS232C(I), RJ45(I), Wired IR(I)		RS232C(I), RJ45(I)		RS232C(I), RJ45(I)	
	Audio	No		No		Yes(I)		Yes(I)	
CONNECTIVITY	External Control	No		No		DVI-D(I)		DVI-D(I)	
	USB	RGB(I), Composite(BNC 1)		RGB(I), Composite(BNC 1)		Component(I), Composite(I), RGB(I) (Shared with D-Sub)		Component(I), Composite(I), RGB(I) (Shared with D-Sub)	
CONNECTIVITY	Output (Rear)	Composite(RCA 1), External Speaker RS232C(I)		Composite(RCA 1), External Speaker RS232C(I)		External Speaker RS232C(I)		External Speaker RS232C(I)	
	Digital	Yes		Yes		Yes		No	
CONNECTIVITY	Analog	Yes		Yes		Yes		Yes	
	Audio	20W (10W x 2)		20W (10W x 2)		20W (10W x 2)		20W (10W x 2)	
CONNECTIVITY	External Control	Yes		Yes		Yes		Yes	
	Audio	No		No		Yes		Yes	
CONNECTIVITY	Auto Volume	Clear Voice, Standard, Music, Cinema, Sports, Game, User		Clear Voice, Standard, Music, Cinema, Sports, Game, User		Standard, Music, Cinema, Sports, Game		Standard, Music, Cinema, Sports, Game	
	Balance	35.7mm		35.1mm		11.0mm		17.9mm	
CONNECTIVITY	Speaker On/Off	111.59cm x 66.05cm x 12.36cm		99.9cm x 59.14cm x 12.0cm		107.08cm x 66.55cm x 15.7cm		107.95cm x 62.46cm x 12.29cm	
	Clear Voice II	35.27kg		28.68kg		23.9kg		22.2kg	
CONNECTIVITY	Sound Mode	120.3cm x 77.8cm x 33.2cm (Head Only)		108.0cm x 70.0cm x 28.5cm (Head Only)		118.2cm x 74.3cm x 26.9cm		118.2cm x 74.3cm x 26.9cm	
		38.0kg (Head Only)		33.1kg (Head Only)		29.1kg		29.6kg	
CONNECTIVITY		800mm x 400 mm		600mm x 400 mm		N/A		800mm x 400mm	
		IR LED 2 Point Touch (Only Windows7 for 2 Point), Windows XP / Vista / 7 support, Protection glass, Cooling FAN		IR LED 2 Point Touch (Only Windows7 for 2 Point), Windows XP / Vista / 7 support, Protection glass, Cooling FAN		Temp sensor, Ambient sensor, 15 x 15 Tile mode, Shine out Media Player integrated solution		Shine Out	
CONNECTIVITY	Additional	0℃ to 40℃		0℃ to 40℃		0℃ to 40℃		0℃ to 40℃	
		10% to 80%		10% to 80%		10% to 80%		10% to 80%	
CONNECTIVITY	Operation Temperature	100-240V~, 50/60Hz		100-240V~, 50/60Hz		100-240V~, 50/60Hz		100-240V~, 50/60Hz	
	Operation Humidity	260W		220W		240W(Typ) / 120W(SES)		180W(Typ) / 130W(SES)	
CONNECTIVITY	Power Supply	1W (RGB), 2W (HDMI / DVI)		1W (RGB), 2W (HDMI / DVI)		1.0W (Set only)		1.0W (Set only)	
	Power Consumption	0.5W		0.5W		0.7W		0.5W	
CONNECTIVITY	Typical / Smart Energy Saving on	UL, cUL, CB scheme, TUV		UL, cUL, CB scheme, TUV		UR, cUR, CB scheme, TUV-Type		UL, cUL, CB scheme, TUV	
	DPM	FCC Class "B", VCCI, C-tick, CE, KCC		FCC Class "B", VCCI, C-tick, CE, KCC		FCC Class "B", CE, KCC		FCC Class "B", CE, KCC	
CONNECTIVITY	Power Off	Yes / Yes(Energy Star 5.0)		Yes / Yes(Energy Star 5.0)		No		Yes / Yes (EPA 5.1)	
		No		No		Yes		No	
CONNECTIVITY	Safety	No		No		Yes		No	
	EMC	No		No		No		Yes	
CONNECTIVITY	ErP / Energy Star	eZ-net Manager		eZ-net Manager		Elite-w / Elite-w lite		Yes	
		Remote Controller, Power Cable, RGB Cable, USB Cable, Manual, ESG		Remote Controller, Power Cable, RGB Cable, USB Cable, Manual, ESG		Remote Controller, Power Cable, RGB Cable, Manual		Remote Controller, Power Cable, RGB Cable, Manual	
CONNECTIVITY	Included	AP-WX60 (Wall Mount)		AP-WX60 (Wall Mount)				AP-WX60 (Wall Mount)	
	Optional							SPO000K (Speaker), ST0000K (Stand)	

* WOT : Within Operation Temperature
* The specification could be changed without prior notice.

PANEL		47" Class (46.96" measured diagonal)		26" Class (26.01" measured diagonal)	
		IPS	IPS	IPS	IPS
CONNECTIVITY	Screen Size	16 : 9		16 : 9	
	Panel Technology	1,920 x 1,080 (FHD)		1,366 x 768 (HD)	
CONNECTIVITY	Native Resolution	5.5% (Typ)		4.84% (Typ)	
	Transmittance	1,200 : 1 (Typ)		1,000 : 1 (Typ)	
CONNECTIVITY	Contrast Ratio	TBD		N/A	
	Dynamic CR	178 x 178		178 x 178	
CONNECTIVITY	Viewing Angle (H x V)	8ms (G to G, *WOT)		6ms (G to G, *WOT)	
	Response Time	HDMI(I), DVI(I), Display Port(I) with HDCP for all input		HDMI(I), DVI(I), Display Port(I) with HDCP for all input	
CONNECTIVITY	Input (Rear)	Component(I), AV(I), RGB(I) (Shared with D-Sub)		Component(I), AV(I), RGB(I) (Shared with D-Sub)	
	Digital	PC / AV / Component Audio In(I)		PC / AV / Component Audio In(I)	
CONNECTIVITY	Analog	RS232C(I), RJ45(I)		RS232C(I), RJ45(I)	
	Audio	Yes(I)		Yes(I)	
CONNECTIVITY	External Control	DVI-D(I)		DVI-D(I)	
	USB	Component(I), Composite(I), RGB(I) (Shared with D-Sub)		Component(I), Composite(I), RGB(I) (Shared with D-Sub)	
CONNECTIVITY	Output (Rear)	External speaker RS232C(I)		External speaker RS232C(I)	
	Digital	Yes		No	
CONNECTIVITY	Analog	Yes		Yes	
	Audio	20W (10W x 2)		20W (10W x 2)	
CONNECTIVITY	External Control	Yes		Yes	
	Audio	No		Yes	
CONNECTIVITY	Auto Volume	Clear Voice, Standard, Music, Cinema, Sports, Game, User		Standard, Music, Cinema, Sports, Game	
	Balance	59mm (Top), 11.46mm (Bottom / Left), 106.76mm (Right)		11.0mm (Module Bezel)	
CONNECTIVITY	Speaker On/Off	116.59cm x 66.33cm x 0.88cm		107.91cm x 62.42cm x 11.63cm	
	Clear Voice II	4.56kg		22.4kg	
CONNECTIVITY	Sound Mode	133.0cm x 88.5cm x 57.0cm		118.2cm x 74.3cm x 26.9cm	
		76.0cm x 63.5cm x 57.0cm		29.8kg	
CONNECTIVITY		55kg		800mm x 400mm	
		N/A			
CONNECTIVITY	Additional	Color Gamut (72%)		Color Gamut (68%)	
		0℃ to 40℃		0℃ to 40℃	
CONNECTIVITY	Operation Temperature	10% to 80%		10% to 80%	
	Operation Humidity	N/A		N/A	
CONNECTIVITY	Power Supply	6.8W (12V Input)		2.7W (12V Input)	
	Power Consumption	N/A		N/A	
CONNECTIVITY	Typical / Smart Energy Saving on	N/A		N/A	
	DPM	N/A		N/A	
CONNECTIVITY	Power Off	N/A		N/A	
		N/A		N/A	
CONNECTIVITY	Safety	N/A		N/A	
	EMC	N/A		N/A	
CONNECTIVITY	ErP / Energy Star	N/A		N/A	
		N/A		N/A	
CONNECTIVITY	Slot PC compatible (optional)	N/A		N/A	
	External Media player Attachable	N/A		N/A	
CONNECTIVITY		N/A		N/A	
		N/A		N/A	
CONNECTIVITY	Supersign Compatibility	N/A		N/A	
		CD Manual(I)		CD Manual(I), Book Manual(I)	
CONNECTIVITY	Included	N/A		N/A	
	Optional				

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* The specification could be changed without prior notice.

Hybrid Type
MP500Slot Type (Built-in)
NA2000Slot Type (Built-in)
NA2100Slot Type (Built-in)
NC2100Box Type (Stand Alone)
NA1000Box Type (Stand Alone)
NA1100Box Type (Stand Alone)
NC1100

SERIES	Model Name	MP500	NA2000	NA2100	NC2100	NA1000	NA1100	NC1100
	EAN Code							
MEDIA PLAYER	Operating System	Microsoft® Windows® Embedded Standard (XP) Microsoft® Windows® Embedded Standard 7P	Microsoft® Windows® Embedded Standard (XP) Microsoft® Windows® Embedded Standard 7P	Microsoft® Windows® Embedded Standard (XP) Microsoft® Windows® Embedded Standard 7P	Microsoft® Windows® Embedded Standard (XP) Microsoft® Windows® Embedded Standard 7P	Microsoft® Windows® Embedded Standard (XP) Microsoft® Windows® Embedded Standard 7P	Microsoft® Windows® Embedded Standard (XP) Microsoft® Windows® Embedded Standard 7P	Microsoft® Windows® Embedded Standard (XP) Microsoft® Windows® Embedded Standard 7P
	CPU	Intel® Celeron® P4500 Processor Cache-L1 / L2 / L3 32K / 256K / 2M, 1.86GHz Intel® Core™ i5-520M Processor 3M Cache, 2.40GHz	Intel® Core™ i7-620M Processor 4M Cache, 2.66GHz	Intel® Core™ i5-520M Processor 3M Cache, 2.40GHz	Intel® Celeron® P4500 Processor Cache-L1 / L2 / L3 32K / 256K / 2M, 1.86GHz	Intel® Core™ i7-620M Processor 4M Cache, 2.66GHz	Intel® Core™ i5-520M Processor 3M Cache, 2.40GHz	Intel® Celeron® P4500 Processor Cache-L1 / L2 / L3 32K / 256K / 2M, 1.86GHz
	Chip Set	Mobile Intel® QM57 Express chipset	Mobile Intel® QM57 Express chipset	Mobile Intel® QM57 Express chipset	Mobile Intel® QM57 Express chipset	Mobile Intel® QM57 Express chipset	Mobile Intel® QM57 Express chipset	Mobile Intel® QM57 Express chipset
	System memory	DDR3 1333 2G (2,048MB) SODIMM type,	DDR3 1066 2GB (2,048MB) SODIMM type,	DDR3 1066 2GB (2,048MB) SODIMM type,	DDR3 1066 2G (2,048MB) SODIMM type,	DDR3 2GB (2,048MB) SODIMM type,	DDR3 1066 2GB (2,048MB) SODIMM type,	DDR3 1066 2GB (2,048MB) SODIMM type,
	Storage	SSD 8GB / 32GB / 64GB	SSD 8GB / 32GB / 64GB	SSD 8GB / 32GB / 64GB	SSD 8GB / 32GB / 64GB	SSD 8GB / 32GB / 64GB	SSD 8GB / 32GB / 64GB	SSD 8GB / 32GB / 64GB
	LAN	Intel® 82577LM Gigabit (10 / 100 / 1000Mbps) Ethernet PHY	Intel® 82577LM Gigabit (10 / 100 / 1000Mbps) Ethernet PHY	Intel® 82577LM Gigabit (10 / 100 / 1000Mbps) Ethernet PHY	Intel® 82577LM Gigabit (10 / 100 / 1000Mbps) Ethernet PHY	Intel® 82577LM Gigabit (10 / 100 / 1000Mbps) Ethernet PHY	Intel® 82577LM Gigabit (10 / 100 / 1000Mbps) Ethernet PHY	Intel® 82577LM Gigabit (10 / 100 / 1000Mbps) Ethernet PHY
	Input	(USB Port) Hi-Speed USB 2.0 port 480Mbps rate (x4)	(USB Port) Hi-Speed USB 2.0 port 480Mbps rate (x2)	(USB Port) Hi-Speed USB 2.0 port 480Mbps rate (x2)	(USB Port) Hi-Speed USB 2.0 port 480Mbps rate (x2)	(USB Port) Hi-Speed USB 2.0 port 480Mbps rate (x4)	(USB Port) Hi-Speed USB 2.0 port 480Mbps rate (x4)	(USB Port) Hi-Speed USB 2.0 port 480Mbps rate (x4)
						(4-in-1 Card) "Secure Digital (SD) / Multimedia Card (MMC / MMC4.0) / Memory Stick (MS / MS-Pro) / xD Memory Card"	(4-in-1 Card) "Secure Digital (SD) / Multimedia Card (MMC / MMC4.0) / Memory Stick (MS / MS-Pro) / xD Memory Card"	(4-in-1 Card) "Secure Digital (SD) / Multimedia Card (MMC / MMC4.0) / Memory Stick (MS / MS-Pro) / xD Memory Card"
	Output	(Mini PCI-E Socket) supported (Serial Port) One external RS-232C Serial port (Display Out) DP / HDMI (LINE Out) Supported	(PCI Express Card Slot) supported (Display Out) HDMI	(PCI Express Card Slot) supported (Display Out) HDMI	(PCI Express Card Slot) supported (Display Out) HDMI	(PCI Express Card Slot) supported (Serial Port) One external RS-232C Serial port (Display Out) DP / D-SUB / HDMI (LINE Out) Supported	(PCI Express Card Slot) supported (Serial Port) One external RS-232C Serial port (Display Out) DP / D-SUB / HDMI (LINE Out) Supported	(PCI Express Card Slot) supported (Serial Port) One external RS-232C Serial port (Display Out) DP / D-SUB / HDMI (LINE Out) Supported
	Dimensions (W x H x D)	260mm x 401mm x 275.9mm	99mm x 179mm x 28.5mm (only Set)	99mm x 179mm x 28.5mm (only Set)	99mm x 179mm x 28.5mm (only Set)	250mm x 45mm x 220mm	250mm x 45mm x 220mm	250mm x 45mm x 220mm
	Weight	2.08kg (only Set)	0.24kg (only Set)	0.24kg (only Set)	0.24kg (only Set)	1.56kg (only Set)	1.56kg (only Set)	1.56kg (only Set)
OPERATION SPECIFICATION	Resolution	Maximum Resolution 1920 x 1,080 @60Hz Recommended Resolution 1920 x 1,080 @60Hz	Maximum Resolution 1920 x 1,080 @60Hz Recommended Resolution 1920 x 1,080 @60Hz	Maximum Resolution 1920 x 1,080 @60Hz Recommended Resolution 1920 x 1,080 @60Hz	Maximum Resolution 1920 x 1,080 @60Hz Recommended Resolution 1920 x 1,080 @60Hz	Maximum Resolution 1920 x 1,080 @60Hz Recommended Resolution 1920 x 1,080 @60Hz	Maximum Resolution 1920 x 1,080 @60Hz Recommended Resolution 1920 x 1,080 @60Hz	Maximum Resolution 1920 x 1,080 @60Hz Recommended Resolution 1920 x 1,080 @60Hz
	Power	Rated Voltage AC 100-240V-, 50/60Hz, 18A	Rated Voltage AC 100-240V-, 50/60Hz, 12A	Rated Voltage AC 100-240V-, 50/60Hz, 12A	Rated Voltage AC 100-240V-, 50/60Hz, 12A	Rated Voltage AC 100-240V-, 50/60Hz, 12A	Rated Voltage AC 100-240V-, 50/60Hz, 12A	Rated Voltage AC 100-240V-, 50/60Hz, 12A
	Power Consumption (Off)	Under 1W (without WOL)	Under 1W (without WOL)	Under 1W (without WOL)	Under 1W (without WOL)	Under 1W (without WOL)	Under 1W (without WOL)	Under 1W (without WOL)
	Power Consumption (Max)	Under 50W (without Peripheral Device)	Under 50W (without Peripheral Device)	Under 50W (without Peripheral Device)	Under 50W (without Peripheral Device)	Under 50W (without Peripheral Device)	Under 50W (without Peripheral Device)	Under 50W (without Peripheral Device)
	Operating Conditions	Operating Temperature -10°C to 40°C Operating Humidity 10% to 80% Storage Temperature -20°C to 60°C Storage Humidity 5% to 95%	Operating Temperature -10°C to 40°C Operating Humidity 10% to 80% Storage Temperature -20°C to 60°C Storage Humidity 5% to 95%	Operating Temperature -10°C to 40°C Operating Humidity 10% to 80% Storage Temperature -20°C to 60°C Storage Humidity 5% to 95%	Operating Temperature -10°C to 40°C Operating Humidity 10% to 80% Storage Temperature -20°C to 60°C Storage Humidity 5% to 95%	Operating Temperature -10°C to 40°C Operating Humidity 10% to 80% Storage Temperature -20°C to 60°C Storage Humidity 5% to 95%	Operating Temperature -10°C to 40°C Operating Humidity 10% to 80% Storage Temperature -20°C to 60°C Storage Humidity 5% to 95%	Operating Temperature -10°C to 40°C Operating Humidity 10% to 80% Storage Temperature -20°C to 60°C Storage Humidity 5% to 95%
APPLICABLE SOFTWARE		Elite-w / Elite-w lite	Elite-s / Elite-w / Elite-w lite	Elite-s / Elite-w / Elite-w lite	Elite-s / Elite-w / Elite-w lite	Elite-s / Elite-w / Elite-w lite	Elite-s / Elite-w / Elite-w lite	Elite-s / Elite-w / Elite-w lite
APPLICABLE MODELS		42WS50, 47WS50, 47WX50	32VS10, 42VS10, 47VS10	32VS10, 42VS10, 47VS10	32VS10, 42VS10, 47VS10	42WS10, 47WS10, 55WS10, 72WS70	42WS10, 47WS10, 55WS10, 72WS70	42WS10, 47WS10, 55WS10, 72WS70
						42VS20, 47VS20, 55VS20, M3704C, 6VS10 M4210L, 47VL10, 47WW30, 55WV70, M2901S, M3801S	42VS20, 47VS20, 55VS20, M3704C, 6VS10 M4210L, 47VL10, 47WW30, 55WV70, M2901S, M3801S	42VS20, 47VS20, 55VS20, M3704C, 6VS10 M4210L, 47VL10, 47WW30, 55WV70, M2901S, M3801S

*The specification could be changed without prior notice.



GLOBAL NETWORK

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