

2011 COMMERCIAL LARGE MONITOR AND SOLUTION

LG PROFESSIONAL DISPLAY



<http://www.lg.com>



WHY LG

LG's reliable and innovative solutions satisfy every business sectors to be able to maximize your business. For this, all LG's business solutions have been designed to give maximum impact as well as practical benefits. Easy to control, practical features fit in wherever LG Business Solutions are in need. New era of business solutions are led by LG

Reliability as LG

Innovating and instilling customer satisfaction with a goal of developing long-term relations, while respecting our assertive, positive and dynamic global business policy. That is uppermost in the minds of LG's more than 80,000 employees around the globe. Our people working in the Commercial Display market, where LG has been a key operator for a number of years, are obviously in the same spirit.

Technology as LG

LG electronics, a leading supplier of electronics technology excels in offering comprehensive and indispensable solutions to suit your needs. With our expertise in research and development for the hospitality industry, LG prides itself in providing access to some of the most advanced and flexible products and technologies.

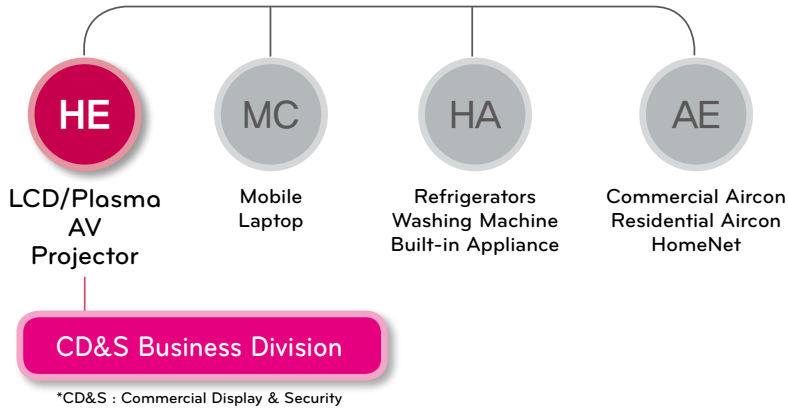
Environmental Vision

LG Electronic's vision is to grow into a leading environment conscious company by working to protect the global environment and creating products with environmentally friendly features. We first announced our environmental policies in 1994. We have also developed activities to minimize environmental burdens associated with our operations. LG Electronics' environmental strategies are being implemented across the entire value chain. We are especially focused on issues related to green product features, climate change, and recycling.

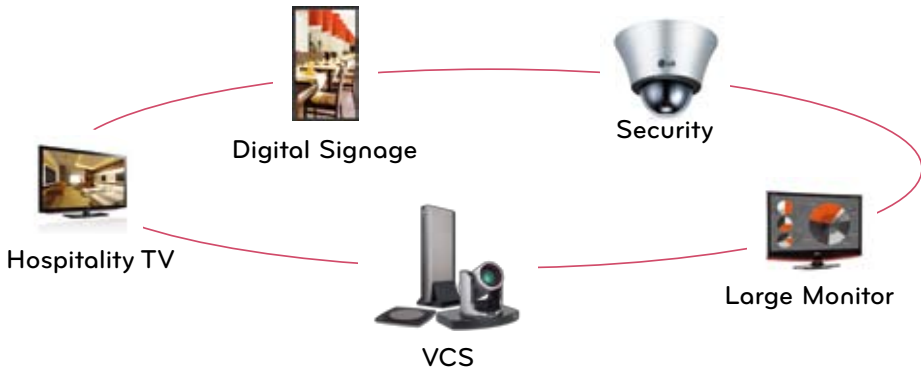
Commitment to B2B

We constantly strive to find new ways to leverage our core competencies in the fields of displays and digital peripherals to create innovative, original and reliable solutions to the problematic created by rapidly evolving technical demands in the various B-to-B horizontal markets. With a team of design and engineering experts who have a thorough knowledge of both B-to-C and B-to-B solutions, LG is well positioned to provide businesses of all kinds with reliable and innovative solutions. Knowing our products inside and out makes LG the ideal provider of service and support as well as refinements to technology.

Optimized Organization for AV Powered Communication Solution Provider



Everything from a Single Source



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A Whole New Level of Environment Standards

We've been working hard with our business partners to reduce the environmental impact of our product range. Our commercial monitors are fully compliant with RoHS and WEEE. What's more, we've introduced a power saving feature to help you reduce your energy consumption. LG's eco-friendly display solutions will help you meet even the strictest environmental regulations.

LG COMMERCIAL LARGE MONITOR

POWER SAVING

LG commercial monitors provide clearly measureable economic benefits by effectively controlling the backlight level.



ROHS

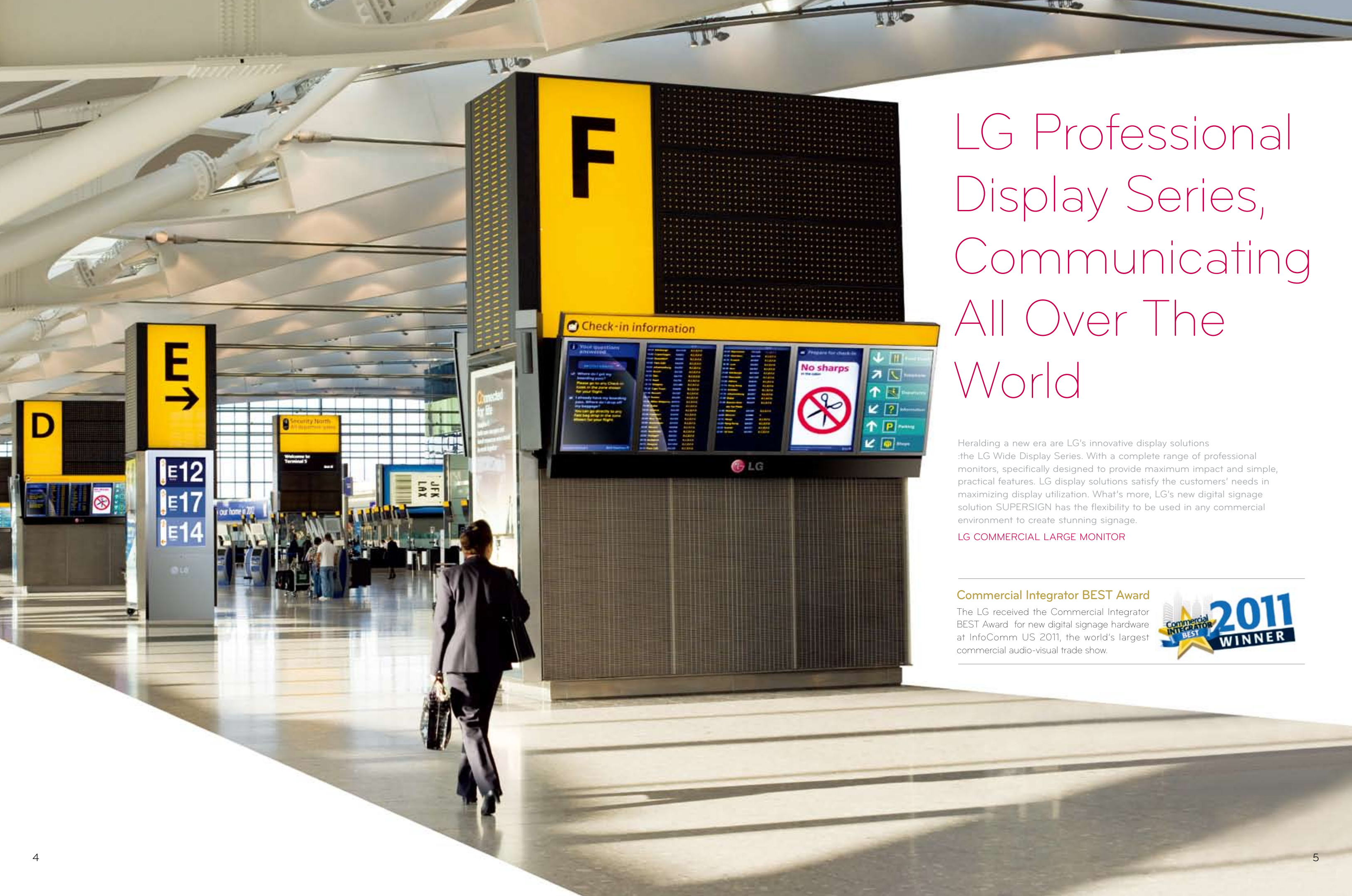
LG displays restrict the use of hazardous substances such as lead and mercury thereby minimizing impact on user health as well as preserving the working environment.



WEEE

The WEEE (Waste Electrical & Electronic Equipment) Directive was launched to regulate and control how people dispose of their old electronic equipment. LG products comply with all current WEEE directives and regulations. Currently more than 80% of LG products are fully recyclable.





LG Professional Display Series, Communicating All Over The World

Heralding a new era are LG's innovative display solutions :the LG Wide Display Series. With a complete range of professional monitors, specifically designed to provide maximum impact and simple, practical features. LG display solutions satisfy the customers' needs in maximizing display utilization. What's more, LG's new digital signage solution SUPERSIGN has the flexibility to be used in any commercial environment to create stunning signage.

LG COMMERCIAL LARGE MONITOR

Commercial Integrator BEST Award

The LG received the Commercial Integrator BEST Award for new digital signage hardware at InfoComm US 2011, the world's largest commercial audio-visual trade show.



LOOKING ITS VERY BEST		MAINSTREAM DISPLAY LINE UP			PRODUCT LINEUP	MAINSTREAM DISPLAY	SPECIAL DISPLAY	FEATURES	SPECIFICATION	GLOBAL NETWORKS
		32"	37"	42"	42"	47"	55"	65"		
PROFESSIONAL										
				M4225C •Resolution : 1,920 x 1,080 (FHD) •Exclusive PD Panel •Super IPS Panel •High Brightness(↑700cd/m²) •Narrow Bezel(Size: 16.9mm) •USB Playback •Energy Star 5.0 •ErP Certified	M4224N •Resolution : 1,920 x 1,080 (FHD) •Exclusive PD Panel •Super IPS Panel •High Brightness(↑700cd/m²) •Narrow Bezel(Size: 16.9mm) •PC Embedded	M4720C •Resolution : 1,920 x 1,080 (FHD) •Exclusive PD Panel •Super IPS Panel •High Brightness(↑700cd/m²) •Narrow Bezel(Size: 17.9mm) •USB Playback •Energy Star 5.0 •ErP Certified	M5520C •Resolution : 1,920 x 1,080 (FHD) •Exclusive PD Panel •Super IPS Panel •High Brightness(↑700cd/m²) •Narrow Bezel(Size: 18.9mm) •USB Playback •Energy Star 5.0 •ErP Certified	65VS10(M6503C) •Resolution : 1,920 x 1,080 (FHD) •Exclusive PD Panel •High Brightness(↑700cd/m²) •ErP Certified		
COMPETITIVE										
	M3204C •Resolution : 1,366x 768 (HD) •PC Built-in Ready (NC2000 Compatible) •Exclusive PD Panel •USB Playback •Energy Star 5.0 •ErP Certified				M4214C •Resolution : 1,920 x 1,080 (FHD) •PC Built-in Ready (NC2000 Compatible) •Exclusive PD Panel •Super IPS Panel •USB Playback •Energy Star 5.0 •ErP Certified	M4716C •Resolution : 1,920 x 1,080 (FHD) •PC Built-in Ready (NC2000 Compatible) •Exclusive PD Panel •Super IPS Panel •USB Playback •Energy Star 5.0 •ErP Certified				
ECONOMIC										
		M3704C •Resolution : 1,920x 1,080 (FHD) •Super IPS Panel •USB Playback •Energy Star 5.0 •ErP Certified	M4210L •Resolution : 1,920 x 1,080 (FHD) •Exclusive PD Panel •Super IPS Panel •Optimized Interface •Energy Star 5.0 •ErP Certified							

STRETCHED



- M2901S**
- Screen Size : 29"
 - Resolution : 1,366 x 480(HD)
 - Aspect Ratio : 17:6
 - Super IPS Panel
 - Auto Scaling Driver



- M3801S**
- Screen Size : 38"
 - Resolution : 1,920 x 502(FHD)
 - Aspect Ratio : 16:4
 - Super IPS Panel
 - Auto Scaling Driver

VIDEO WALL



- 47WV30**
- Screen Size : 47" (multi-tiling)
 - Resolution : 1,366×768 (HD)
 - Bezel to Bezel Size : 6.3mm
 - Exclusive PD Panel
 - Super IPS Panel
 - High Brightness(800cd/m²)
 - LED Backlight Unit
 - Shine-out

TOUCH



- M4214T**
- Screen Size : 42"
 - Resolution : 1,920 x 1,080(FHD)
 - Exclusive PD Panel
 - Super IPS Panel
 - IR LED Multi-Touch Sensor



- M4716T**
- Screen Size : 47"
 - Resolution : 1,920 x 1,080(FHD)
 - Exclusive PD Panel
 - Super IPS Panel
 - IR LED Multi-Touch Sensor

OUTDOOR

Semi-Outdoor(Shine-out)



- M4224F**
- Screen Size : 42"
 - Resolution : 1,920 x 1,080(FHD)
 - Exclusive PD Panel
 - Super IPS Panel
 - Narrow Bezel(Bezel width :16.9mm)
 - Surface Reflectance : 0.5~1.5%
 - Contrast Ratio : 400:1 (4K Lux)

The most preferred display complete with
the world's best technological power

PROFESSIONAL DISPLAY



The product provides the most perfect signage series through innovative technological capability and superior design matches with anywhere. The most favored display that offers clear contents in large sizes as desired by customers through video, animation, image, and texts - the spatial design revives harmony along with LG's Professional Display series.

PROFESSIONAL M4225C

- Resolution : 1,920 x 1,080(FHD)
- Exclusive PD Panel
- Super IPS Panel
- High Brightness(↑700cd/m²)
- Narrow Bezel(Size: 16.9mm)
- USB Playback(Low cost media player)
- Energy Star 5.0
- ErP Certified



SPECIFICATION

PANEL

Screen Size : 42"
Aspect Ratio : 16 : 9
Native Resolution : 1920 x 1080 (FHD)
Brightness : 700cd/m²
Contrast Ratio : 1,200:1
Viewing Angle (H x V) : 178 x 178
Response Time : 10 ms (G to G)

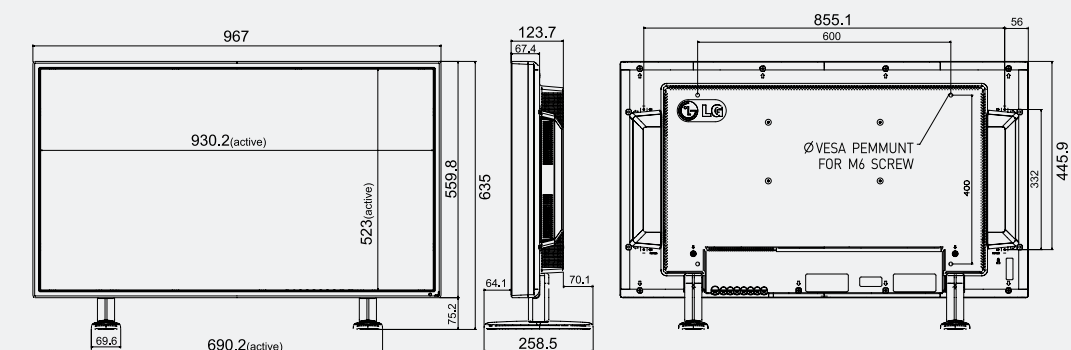
AUDIO

Audio Power : 20W (10W x 2)
Speaker On/off : Yes
Clear Voice II : Yes
Sound mode : Standard / Music / Cinema / Sports / Game

CABINET

Bezel Width : 16.9 mm

DIMENSION



PROFESSIONAL
M4224N

- PC Embedded
- Resolution : 1,920 x 1,080(FHD)
- Exclusive PD Panel
- Super IPS Panel
- High Brightness(↑700cd/m²)
- Narrow Bezel(Size: 16.9mm)



PROFESSIONAL
M4720C

- Resolution : 1,920 x 1,080(FHD)
- Exclusive PD Panel
- Super IPS Panel
- High Brightness(↑700cd/m²)
- Narrow Bezel(Size: 17.9mm)
- USB Playback(Low cost media player)
- Energy Star 5.0
- ErP Certified



SPECIFICATION

PANEL

Screen Size : 42"
Aspect Ratio : 16 : 9
Native Resolution : 1920 x 1080 (FHD)
Brightness : 700cd/m²
Contrast Ratio : 1,200:1
Viewing Angle (H x V) : 178 x 178
Response Time : 10 ms (G to G)

AUDIO

Audio Power : 20W (10W x 2)
SSM : Flat / Music / Movie / Sports / User

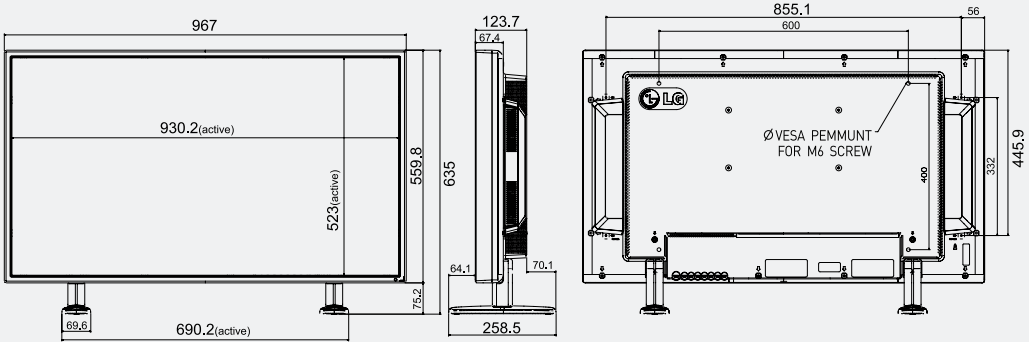
CABINET

Bezel Width : 16.9 mm

Controller

CPU : Intel Celeron575 (2.0G)
Main Chipset : Intel GM45 ICH9
Memory : DDR II 800MHz 1GB
HDD (PC) : 2.5" SATA SSD 32G
OS : XP Embedded

DIMENSION



SPECIFICATION

PANEL

Screen Size : 47"
Aspect Ratio : 16 : 9
Native Resolution : 1920 x 1080 (FHD)
Brightness : 700cd/m²
Contrast Ratio : 1,300:1
Viewing Angle (H x V) : 178 x 178
Response Time : 10 ms (G to G)

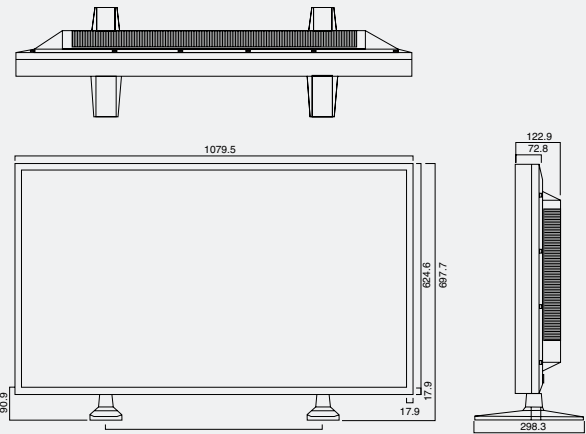
AUDIO

Audio Power : 20W (10W x 2)
Speaker On/off : Yes
Clear Voice II : Yes
Sound mode : Standard / Music / Cinema / Sports / Game

CABINET

Bezel Width : 17.9 mm

DIMENSION



PROFESSIONAL
M5520C

- Resolution : 1,920 x 1,080(FHD)
- Exclusive PD Panel
- Super IPS Panel
- High Brightness(↑700cd/m²)
- Narrow Bezel(Size: 18.9mm)
- USB Playback(Low cost media player)
- Energy Star 5.0
- ErP Certified



PROFESSIONAL
65VS10(M6503C)

- Resolution : 1,920 x 1,080(FHD)
- Exclusive PD Panel
- High Brightness(↑700cd/m²)
- USB Playback(Low cost media player)
- ErP Certified



SPECIFICATION

PANEL

Screen Size : 55"
Aspect Ratio : 16 : 9
Native Resolution : 1920 x 1080 (FHD)
Brightness : 700cd/m²
Contrast Ratio : 1,300:1
Viewing Angle (H x V) : 178 x 178
Response Time : 10 ms (G to G)

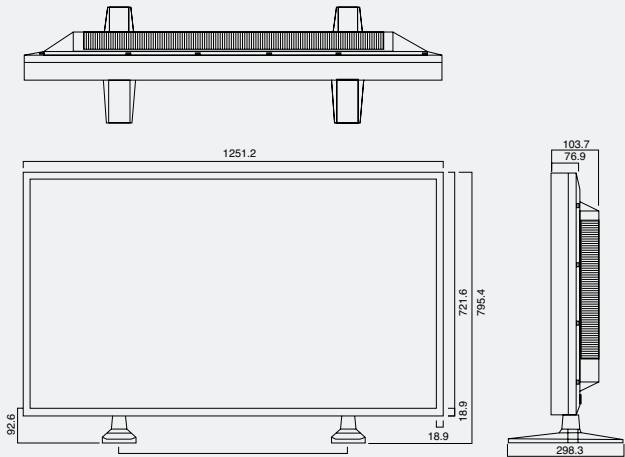
AUDIO

Audio Power : 20W (10W x 2)
Speaker On/off : Yes
Clear Voice II : Yes
Sound mode : Standard / Music / Cinema / Sports / Game

CABINET

Bezel Width : 18.9 mm

DIMENSION



SPECIFICATION

PANEL

Screen Size : 65"
Aspect Ratio : 16 : 9
Native Resolution : 1920 x 1080 (FHD)
Brightness : 700cd/m²
Contrast Ratio : 2,500:1, 5,000:1 (DCR)
Viewing Angle (H x V) : 178 x 178
Response Time : 8 ms (G to G)

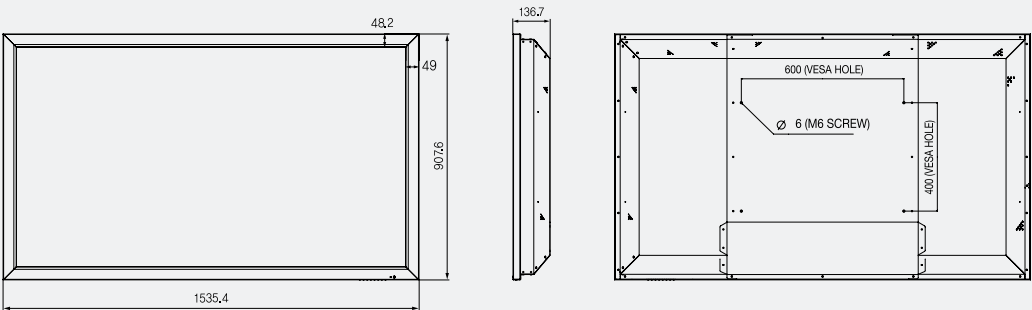
AUDIO

Audio Power : 20W (10W x 2)
Speaker On/off : Yes
Clear Voice : Yes
Sound mode : Standard / Music / Cinema / Sports / Game / User

CABINET

Bezel Width : 49.0 mm

DIMENSION





Offering affordable display that creates the greatest effects at reasonable costs

COMPETITIVE · ECONOMIC DISPLAY

Lighter, easier, more economical - LG is doing its best to develop signage that can easily be used by anyone. Since the product can present more sensual, dynamic image while offering various commercial features customized to the needs of corporate users, it provides the best user experience ever.

COMPETITIVE M3204C

- Resolution : 1,366 x 768 (HD)
- PC Built-in Ready **new** (NC2000 Compatible)
- Exclusive PD Panel
- USB Playback
- Energy Star 5.0
- ErP Certified



Built-In Media Player
NC2000



SPECIFICATION

PANEL

Screen Size : 32"
Aspect Ratio : 16 : 9
Native Resolution : 1366 x 768 (WXGA)
Brightness : 450cd/m²
Contrast Ratio : 3,000:1, 20,000:1(DCR)
Viewing Angle (H x V) : 178 x 178
Response Time : 6.5ms (G to G)

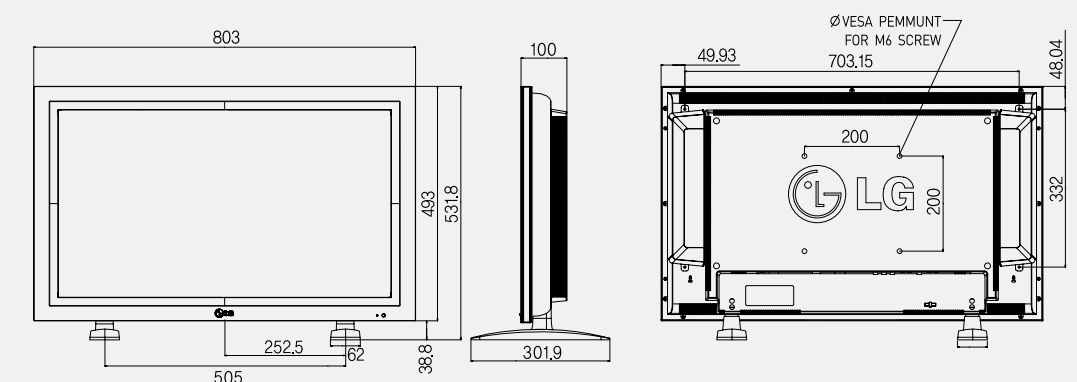
AUDIO

Audio Power : 20W (10W x 2)
Speaker On/off : Yes
Clear Voice II : Yes
Sound mode : Standard / Music / Cinema / Sports / Game

CABINET

Bezel Width : 51.5 mm

DIMENSION



COMPETITIVE
M4214C

- Resolution : 1,920 x 1,080(FHD)
- PC Built-in Ready **new** (NC2000 Compatible)
- Exclusive PD Panel
- Super IPS Panel
- USB Playback(Low cost media player)
- Energy Star 5.0
- ErP Certified



Built-In Media Player
NC2000



COMPETITIVE
M4716C

- Resolution : 1,920 x 1,080(FHD)
- PC Built-in Ready **new** (NC2000 Compatible)
- Exclusive PD Panel
- Super IPS Panel
- USB Playback(Low cost media player)
- Energy Star 5.0
- ErP Certified



Built-In Media Player
NC2000



SPECIFICATION

PANEL

Screen Size : 42"
Aspect Ratio : 16 : 9
Native Resolution : 1920 x 1080 (FHD)
Brightness : 500cd/m²
Contrast Ratio : 1,300:1, 40,000:1 (DCR)
Viewing Angle (H x V) : 178 x 178
Response Time : 10 ms (G to G)

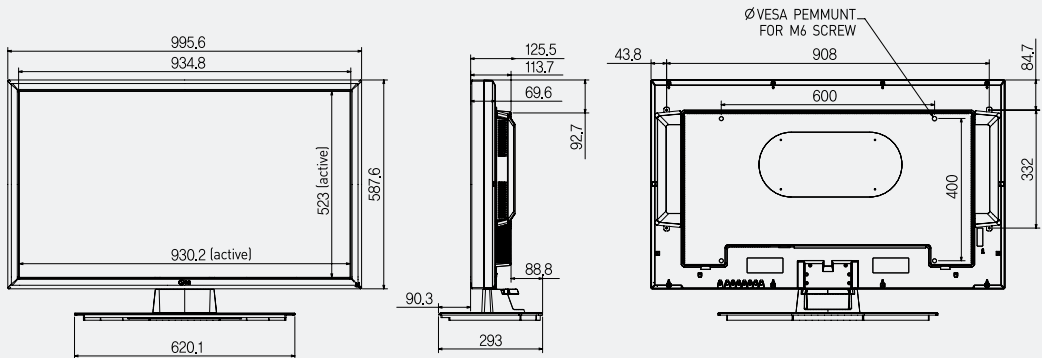
AUDIO

Audio Power : 20W (10W x 2)
Speaker On/off : Yes
Clear Voice II : Yes
Sound mode : Standard / Music / Cinema / Sports / Game

CABINET

Bezel Width : 30.4 mm

DIMENSION



SPECIFICATION

PANEL

Screen Size : 47"
Aspect Ratio : 16 : 9
Native Resolution : 1920 x 1080 (FHD)
Brightness : 500cd/m²
Contrast Ratio : 1,300:1
Viewing Angle (H x V) : 178 x 178
Response Time : 10 ms (G to G)

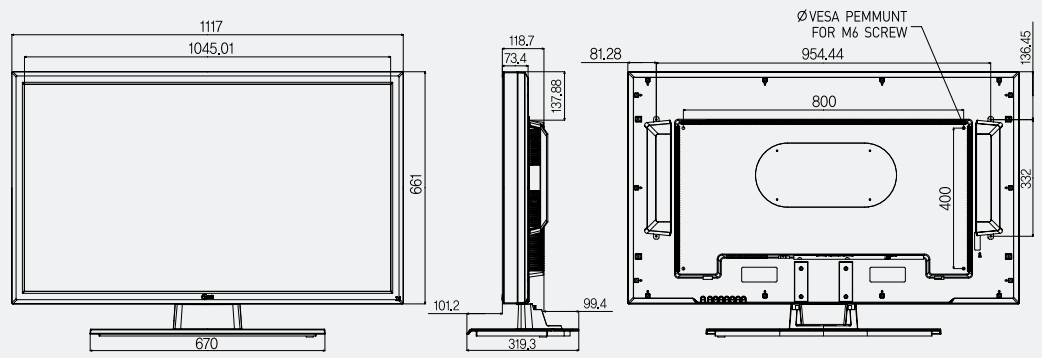
AUDIO

Audio Power : 20W (10W x 2)
Speaker On/off : Yes
Clear Voice II : Yes
Sound mode : Standard / Music / Cinema / Sports / Game

CABINET

Bezel Width : 36 mm

DIMENSION



ECONOMIC
M3704C

- Resolution : 1,920x1,080(FHD)
- Super IPS Panel
- USB Playback(Low cost media player)
- Energy Star 5.0
- ErP Certified



SPECIFICATION

PANEL

Screen Size : 37"
Aspect Ratio : 16 : 9
Native Resolution : 1920 x 1080 (FHD)
Brightness : 500cd/m²
Contrast Ratio : 1,500:1
Viewing Angle (H x V) : 178 x 178
Response Time : 5 ms (G to G)

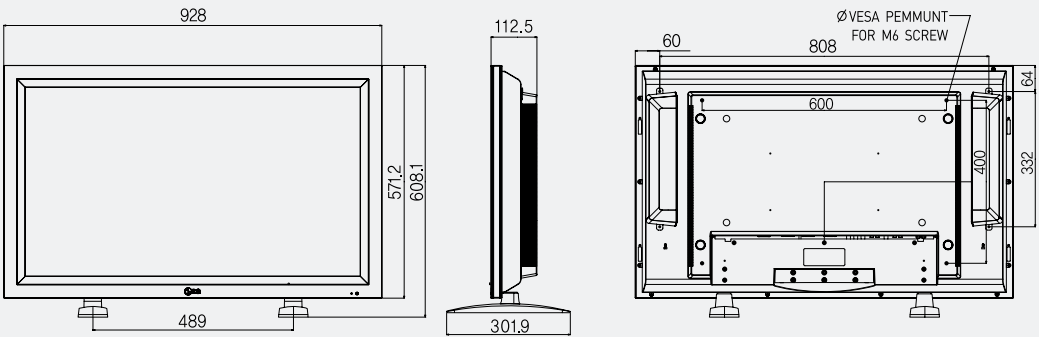
AUDIO

Audio Power : 20W (10W x 2)
Speaker On/off : Yes
Clear Voice II : Yes
Sound mode : Standard / Music / Cinema / Sports / Game

CABINET

Bezel Width : 53.7 mm

DIMENSION



ECONOMIC
M4210L

- Resolution : 1,920 x 1,080(FHD)
- Exclusive PD Panel
- Super IPS Panel
- Optimized Interface
- Energy Star 5.0
- ErP Certified



SPECIFICATION

PANEL

Screen Size
Aspect Ratio : 16 : 9
Native Resolution : 1920 x 1080 (FHD)
Brightness : 500cd/m²
Contrast Ratio : 1,300:1, 3,000:1 (DCR)
Viewing Angle (H x V)
Response Time : 10 ms (G to G)

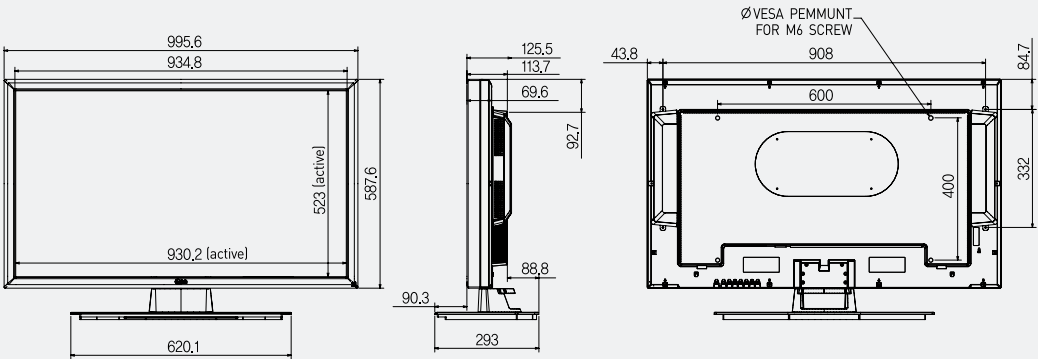
AUDIO

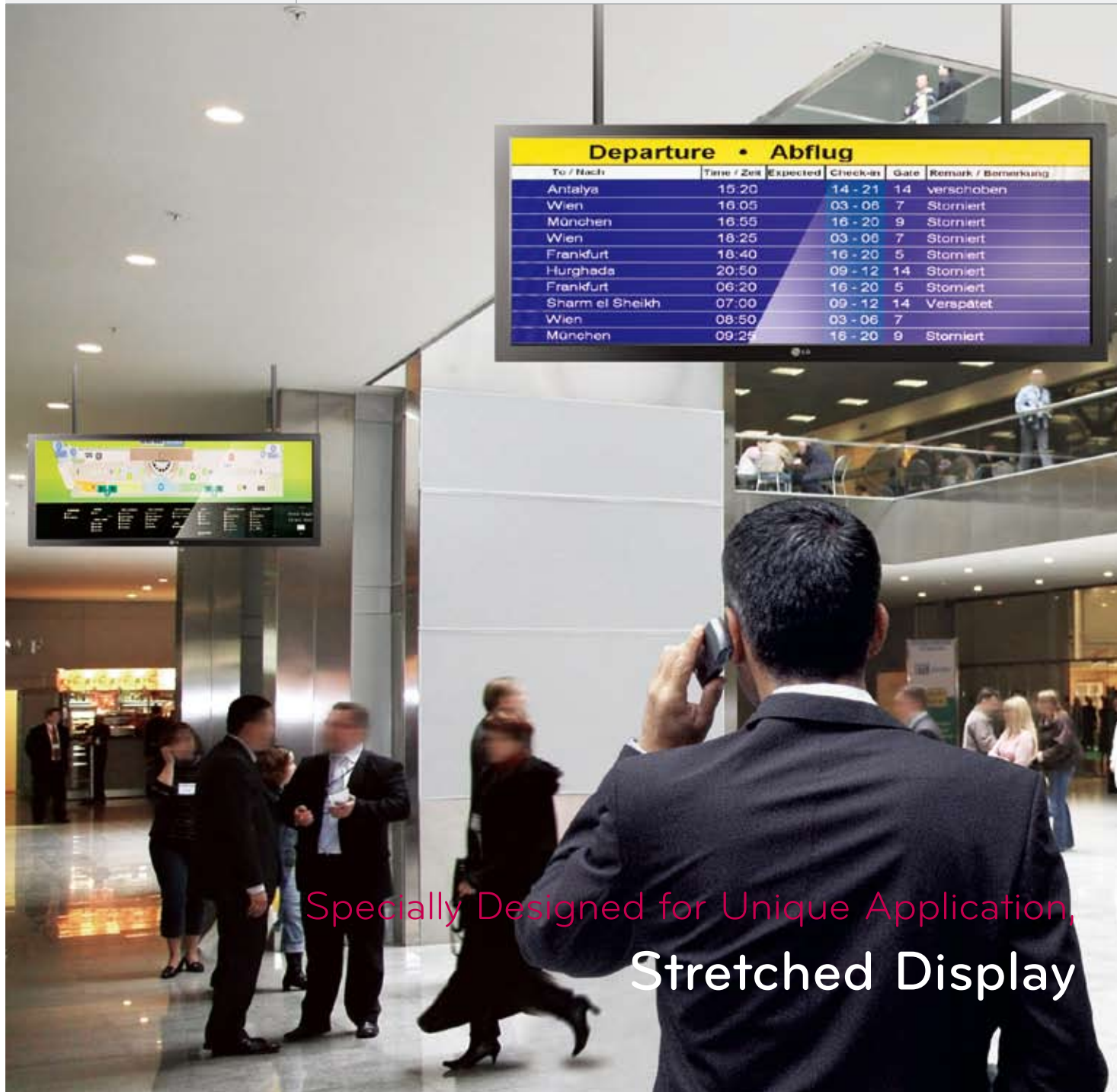
Audio Power : 20W (10W x 2)
Speaker On/off : Yes
Clear Voice : Yes
Sound mode : Standard / Music / Cinema / Sports / Game / User

CABINET

Bezel Width : 30.4 mm

DIMENSION





Specially Designed for Unique Application,
Stretched Display

UNIQUE APPLICATION

LG Stretched Monitor provides unique application to its users replacing conventional displays in applications as diverse as transportation and leisure.



Station

Airport

Lobby

Reception

AUTO SCALING DRIVER

With Auto Scaling, you can ensure that content created for conventional displays will be well suited for non-standard aspect ratio.



Stretched Display
~ Aspect ratio : 17.6(29''), 16:4(38'')

STRETCHED DISPLAY

M2901S

M3801S

- Wide View with Space Saving
- eZ-net Manager LAN Control
- Auto Scaling Driver for Non-Standard Aspect Ratio



SPECIFICATION

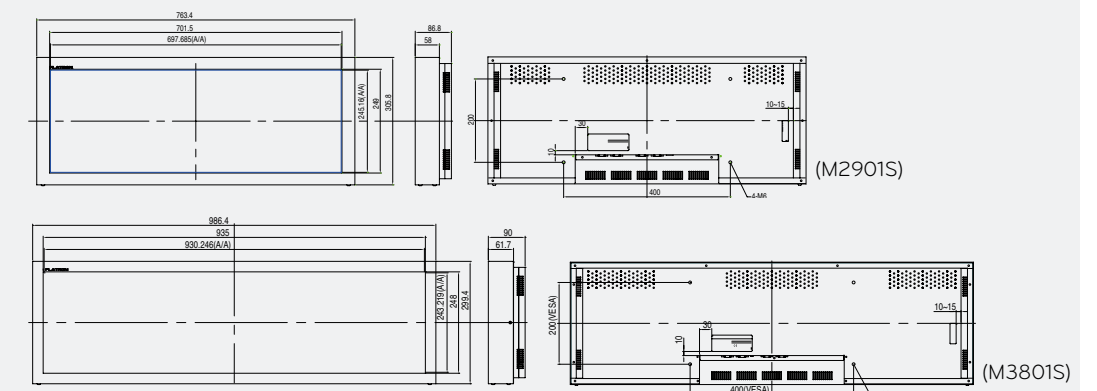
M2901S_PANEL

Screen Size : 29"
Aspect Ratio : 17:6
Native Resolution : 1366 x 480 (HD)
Brightness : 420cd/m²
Contrast Ratio : 1,200:1
Viewing Angle (H x V) : 178 x 178
Response Time : 8 ms (G to G)

M3801S_PANEL

Screen Size : 38"
Aspect Ratio : 16:4
Native Resolution : 1920 x 502 (FHD)
Brightness : 420cd/m²
Contrast Ratio : 1,400:1
Viewing Angle (H x V) : 178 x 178
Response Time : 5 ms (G to G)

Dimension



Feel the Fabulous Images Onscreen,
Touch Display

TOUCH DISPLAY

M4214T

M4716T

- Infrared Multi-Touch Technology
- Built to fit in trendy indoor environments



SPECIFICATION

PANEL

Screen Size : 42"
Aspect Ratio : 16 : 9
Native Resolution : 1920 x 1080 (FHD)
Brightness : 400cd/m²
Contrast Ratio : 1,300:1, 3,000:1 (DCR)
Viewing Angle (H x V) : 178 x 178
Response Time : 10 ms (G to G)

AUDIO

Audio Power : 20W (10W x 2)
Speaker On/off : Yes
Clear Voice II : Yes
Sound mode : Standard / Music / Cinema
/ Sports / Game / User

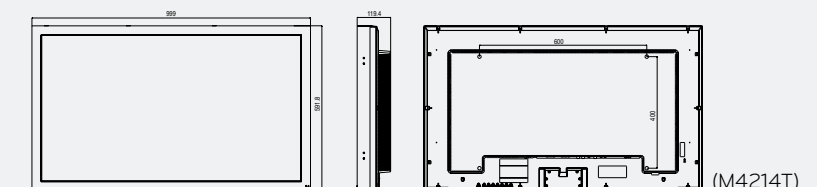
CABINET

Bezel Width : 32.5 mm

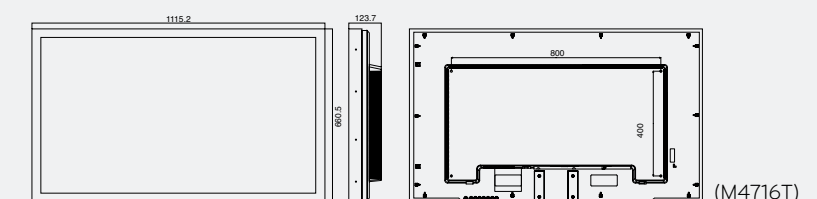
Touch

Touch type : IR (Infrared Rays) LED
Available object size for touch
: 7 mm (Touch), _8 mm (Drawing)
Response Time : 13.5 ms
Accuracy : 5mm
Operating System Support
: Windows XP / Vista / 7

Dimension



(M4214T)



(M4716T)

MULTI-TOUCH TECHNOLOGY

Touch monitor supports various applications with infrared multi-touch technology. This makes possible to deliver interesting experience and rich information to user.



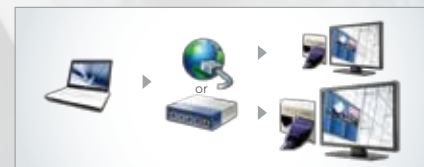
TRENDY DESIGN

For retail, hospitality, airports, bus terminals, exhibition, restaurants, conference rooms, stock exchanges and more LG touch monitor helps to make luxury mood with its simple and trendy design.



eZ-Net Manager

eZ-Net manager lets the user control monitors which are installed in remote areas through ethernet. So you can check the status of monitors and change the input and volume, even update the firmware from server.



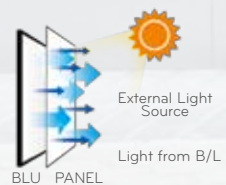
SALE
30%Ladies' Wear
Fashion ShopVivid and Clear Even Under
Sunlight Exposure,

Shine-out Display



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.



47WV30 Competitor (46")

VIDEO WALL

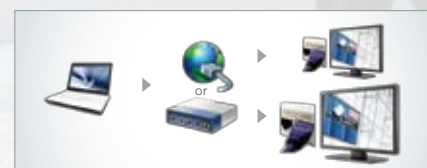
Good for constructing video wall with narrow bezel size. It maximizes display effect through various size video wall.



5 x 5 MATRIX

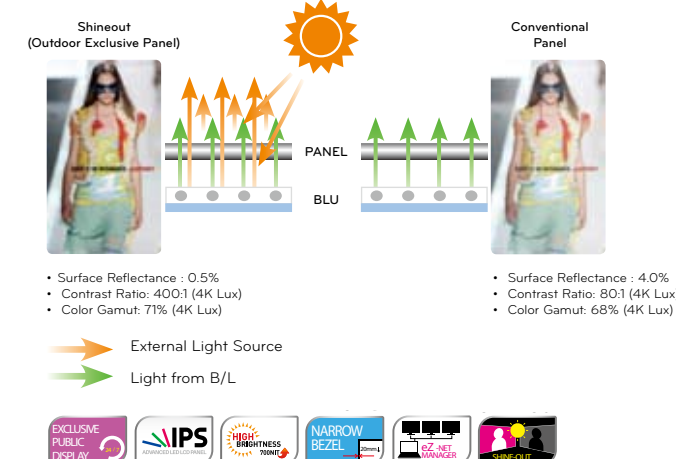
eZ-Net Manager

eZ-Net manager lets the user control monitors which are installed in remote areas through ethernet. So you can check the status of monitors and change the input and volume, even update the firmware from server.

SEMI-OUTDOOR
(Shine-out)

M4224F

- Perfect fit for window display
- Reflects away the sunlight for best image visibility
- Clearer Display under direct Sunlight than conventional Panel
- High Brightness (700cd/m²)
- Narrow Bezel (Bezel width : 16.9mm)



SPECIFICATION

PANEL

Screen Size : 42"
Aspect Ratio : 16 : 9
Native Resolution : 1920 x 1080 (FHD)
Brightness : 700cd/m²
Contrast Ratio : 1,200:1
Viewing Angle (H x V) : 178 x 178
Response Time : 10 ms (G to G)

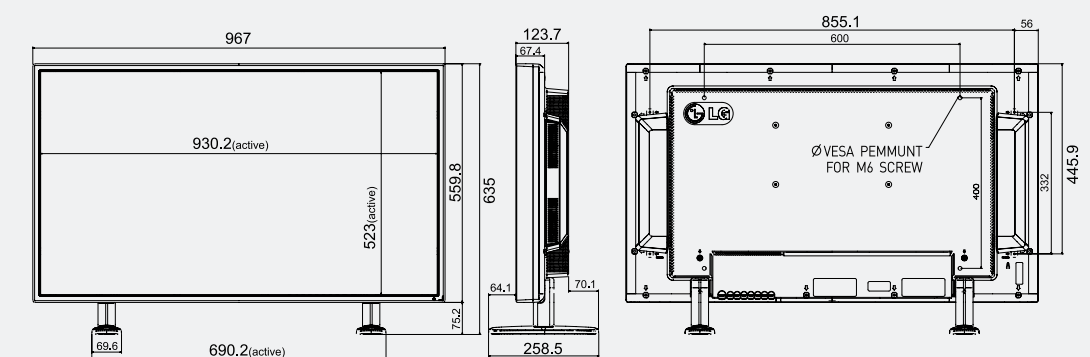
AUDIO

Audio Power : 20W (10W x 2)
Speaker On/off : Yes
Clear Voice : Yes
Sound mode : Standard / Music / Cinema / Sports / Game / User

CABINET

Bezel Width : 16.9 mm

Dimension



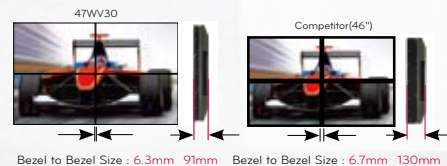
The Smartest Choice for Seamless Innovation

Super Narrow Bezel Display



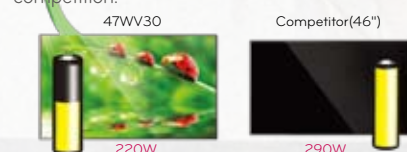
SLIMMER BEZEL & DEPTH

Bezel to bezel size is only 6.3mm and the depth is only 91mm with narrow bezel, they combine to create a high impact video wall that can be installed, maintained, and managed with ease.



LED LOW POWER CONSUMPTION

By using LED panels without mercury or other harmful substances, 47WV30 is eco-friendlier than any of its competitors. Most of all, 47WV30 consumes less energy. Also, LG LED panels enable superior image fidelity compared to the competition.



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.



VIDEO WALL SOLUTION

47WV30

- Super Narrow Bezel (bezel to bezel size : 6.3mm)
- Size Premium
 - 47W is 10% larger than 46, and the gap amounts to 8.4"
- IPS Panel
- Infinitely Expandable Multi-vision Solution (Max 15 x 15)
- High Brightness (800cd/m²)
- Various Interface for Daisy Chain
- Shine-out Film Adopted
 - Great picture quality at any place, even under the sunlight and lightings
- LED BLU Adopted
 - Low Power Consumption
 - Eco Friendly
- Perfect Compatibility with LG SuperSign (NC1000)



SPECIFICATION

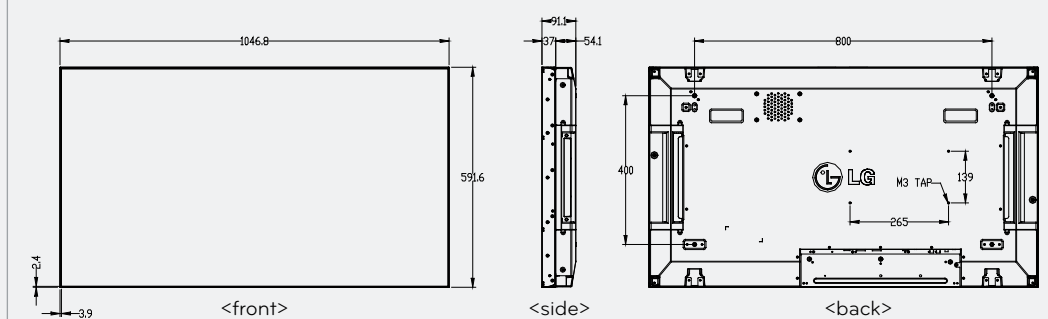
Panel

- Aspect Ratio : 16 : 9
- Native Resolution: 1,366×768 (HD)
- Brightness : 800cd/m²
- Contrast Ratio : 1,300:1, 500,000:1(DCR)
- Response Time : 12ms (G to G)
- Viewing Angle (H×V) : 178×178
- Power consumption : 220W

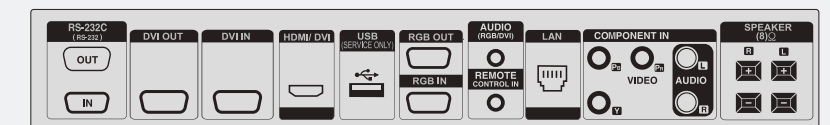
Audio

- Sound Mode : 5 Mode (Standard/Music/Cinema/Sports/Game)
- Audio Power : 20W (10W×2)

Dimension



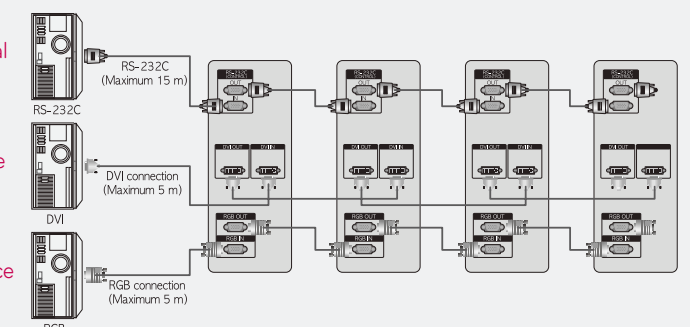
Interface



Control Signal

Digital Source

Analog Source



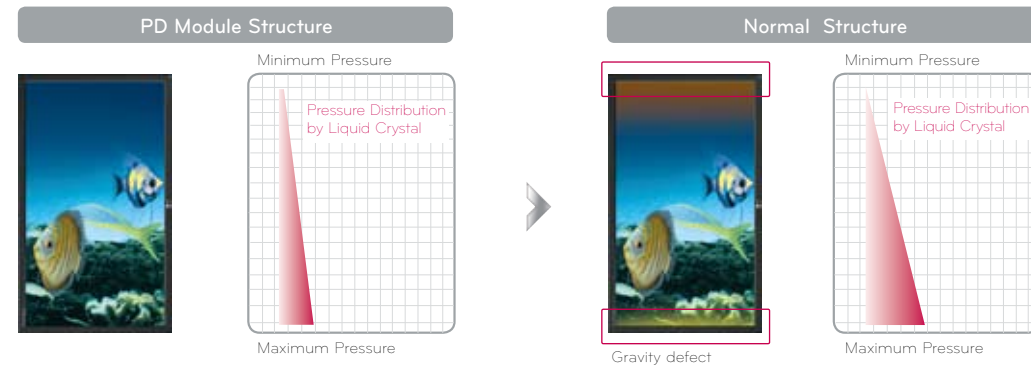
* The specification could be change without prior notice.

PUBLIC DISPLAY
MODULE

Portrait Mode

The portrait display mode is the exclusive 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.



Reliable Picture Quality

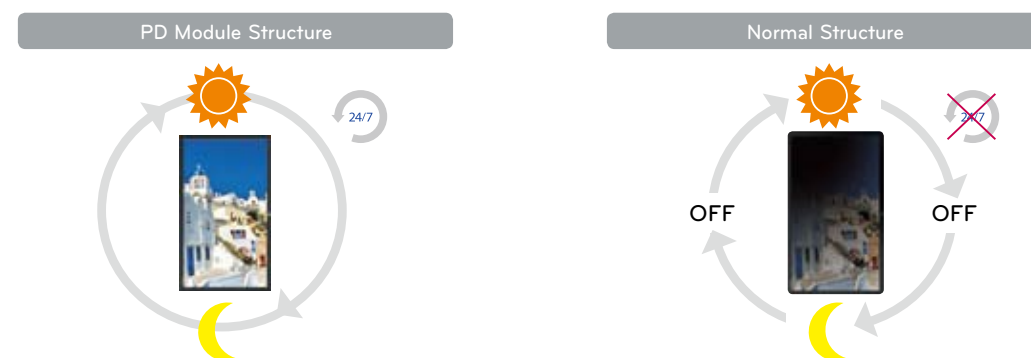
LG Commercial MNT adopts the exclusive public display module whose reliability is far better than that of a normal TV module. The public display is known for high resistance to image retention and the gravity-related defect. Therefore, the public display module is a perfect fit for severe operation conditions.



24/7 Operation Performance

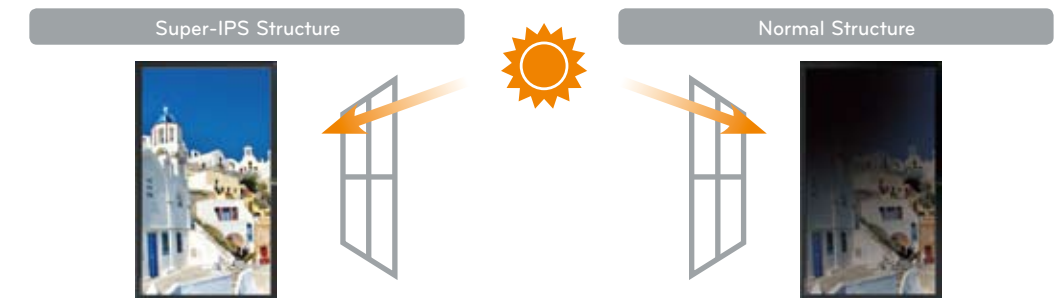
Another strength of the LG PD module is that it can operate 24 hours a day.

It can fulfill its function as a digital signage, smashes the limits of place and time and is highly durable and provides continuous performance.

REVOLUTIONARY
VIEWING

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.



Super Viewing Angle from Any Perspective

Super In Plane Switching or Super IPS is the exclusive 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.



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

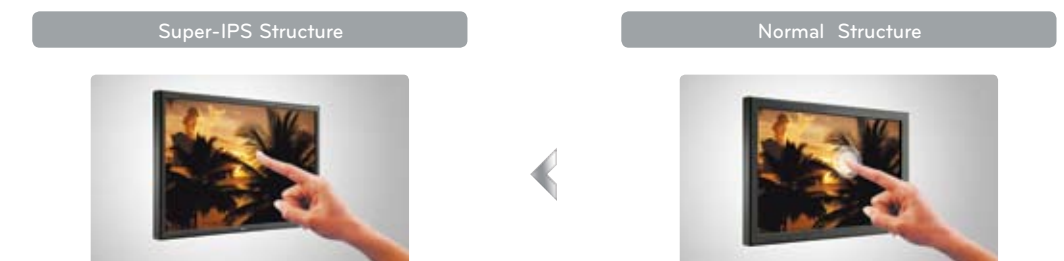
IPS panel has an extremely low standard of deviation for response time. This allows for the smooth viewing of action scenes, sports with greater clarity and vivid quality. Now, your eyes can enjoy absolute comfort in viewing. Also, Start seeing images true to their authentic beauty, as IPS panel displays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



Distortion Free Image

IPS panel is not susceptible to image distortion upon external pressure.

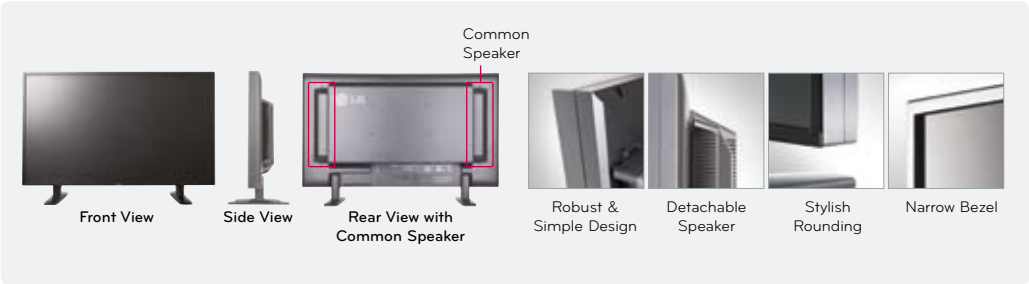
It is because the liquid crystal formation of IPS panel is less deformed than VA panel.



FLEXIBLE DESIGN

Common Speaker & Slim Bezel

Video Wall is one of the exclusive application of commercial display. This application requires slim bezel to make video wall image look natural. To satisfy this requirement, all Professional models have a bezel width of less than 20mm and our super narrow bezel monitor 47WV30 has a bezel to bezel width of only 6.3mm.



Tile Mode

The dimensi on of video wall application could extend to 5x5 with a signal distributor. The simple daisy-chain connection for tiling application efficiently supports up to 5x5.



Flexible Connectivity

LG commercial MNT comes with various interfaces in order to meet all the AC signals available.

•Professional/Competrtive Models
(M3204C, M3704C, M4214C, M4225C, M4716C, M4720C, M5520C)

•Professional/Competrtive Models
(M5203C, M6503C)

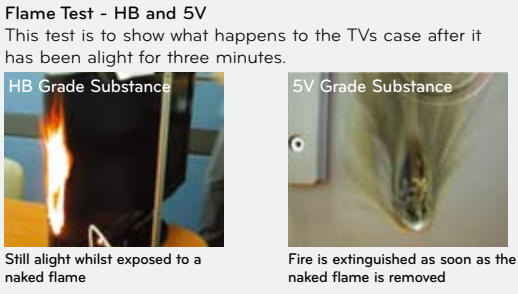
•Economic Models
(M4210L)

ECO-FRIENDLY PRODUCT



Fire Retardant

LG commercial MNT has a special housing of eco-friendly, flame-retardant materials. We use UL-5V, the highest rated substance, In our MNTs to ensure the fire risk in minimized. All our MNTs are fully compliant with IEC recommendation UL Qualification - so helping you stay safe and protecting your property from fire.



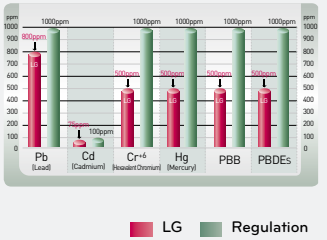
Eco-Design

RoHS

LG displays restricted the use of hazardous substances such as lead, mercury and so on. These directive protects human health and preserves surroundings.

WEEE

(Waste Electrical & Electronic Equipment) In order to reduce the waste from electronic devices, more than 80% of LG products are recyclable. Thanks to this regulation, the owners may dispose hundreds of displays free of charge after years of use.



Save Every Penny

Assuming that the electricity rate is 14.2 cent/KW, the amount of money saved using LG monitor, when deployed by 1 or 100 units, are as following.

EXAMPLE	M4225C		Power (KW)	Differential (KW)	Monthly Saving(\$)		Annual Saving(\$)	
	Input:RGB, 230V	Backlight : 100			1 (unit)	100(unit)	1 (unit)	100(unit)
Model : M4225C								
Operation Time : 14 hours/day								
Rate : \$ 0.1/KWh								
Normal	Backlight : 100	0.1	0	0	0	0	0	0
Level1	Backlight : 80	0.1	0	US\$ 1.0	US\$ 101.6	US\$ 12.2	US\$1, 220	
Level2	Backlight : 60	0.1	0	US\$ 2.2	US\$ 221.2	US\$ 26.5	US\$ 2,655.4	
Level3	Backlight : 40	0.1	0	US\$ 3.4	US\$ 340.9	US\$ 40.9	US\$ 4,090.8	

Consequently, if deployed by hundred, You can save more than \$4,000 a year.

Power Saving

LG commercial monitors provide a way to save every penny by effectively controlling backlight level. See how this function works!



MANAGEMENT
TOOL

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.

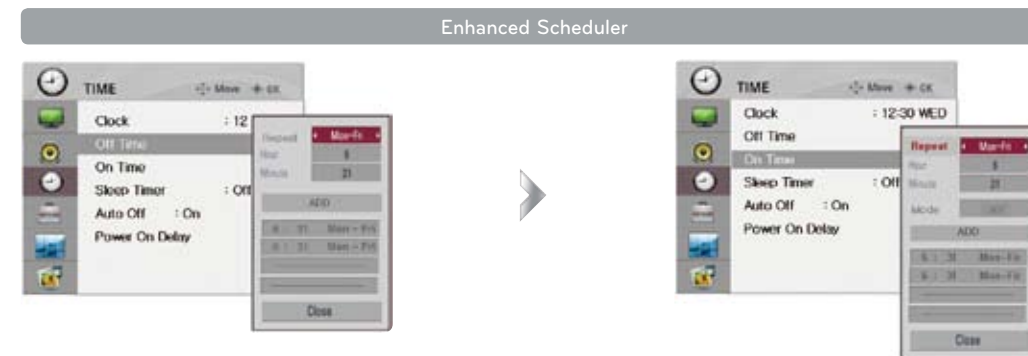
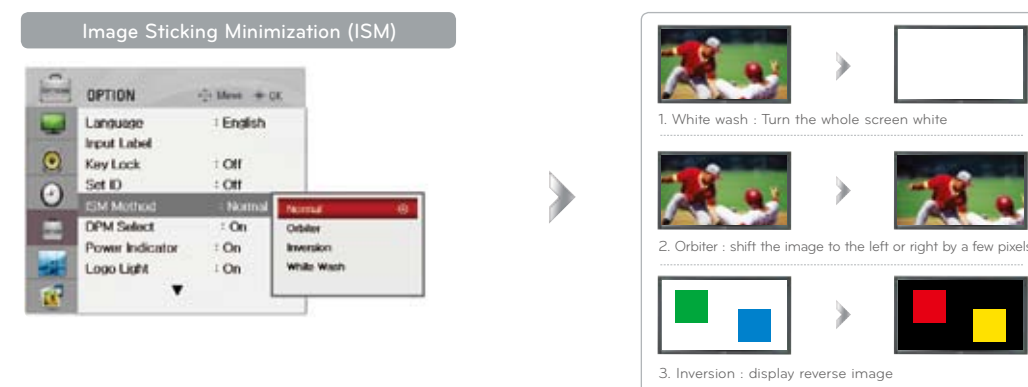


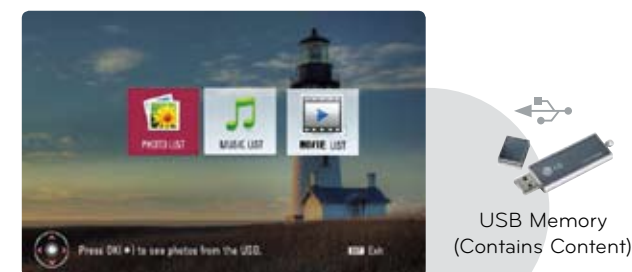
Image Sticking Minimization (ISM)

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)

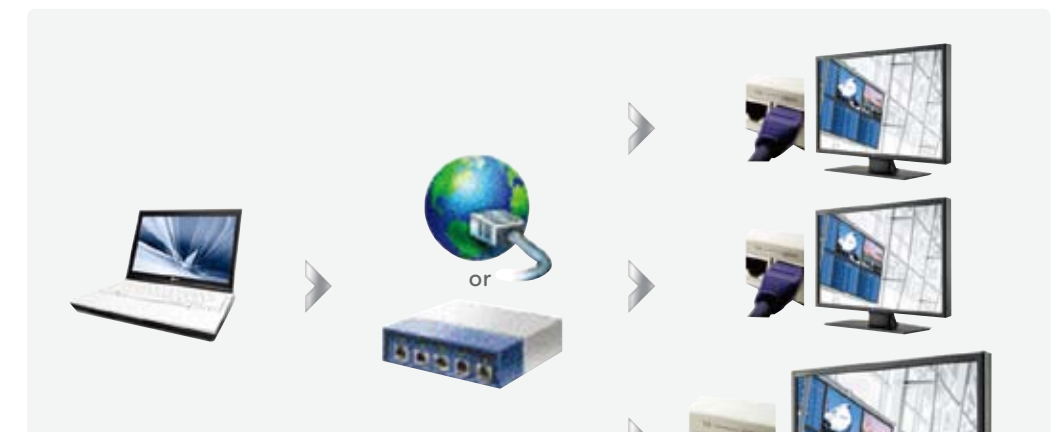


- Easy to Use
No need to learn, just plug-In USB
- Auto playback the content in USB memory
- No additional cost to signage



eZ-Net Manager

eZ-net manager lets the user control monitors which are installed in remote areas through Ethernet. So you can check the status of Monitors and Change the Input and Volume and even Update the Firmware from Server.



Monitor Ethernet Controlling System

Case1) LAN system by IP Hub

Case2) WAN system by Internet infra structure

- LAN + Serial Management Program
- Single/Group WAN Control
- Monitor Auto Searching
- Self Diagnosis - Lamp, FAN, Temperature Monitoring function
- Scheduling - Power On/Off, Input setting
- Easy Tile Mode - Flexible Video Wall support
- F/W Upgrade via LAN - Takes within 5 seconds
- **Schedule content in USB memory**



eZ-Net Monitor Control Window

1. Tool Bar : Search, Communication Setting, Help
2. MNT Register Window : MNT already searched are registered / Grouping function
3. Control Tap : 8 different functions can be supported
4. Display : Information for selected MNT
5. Diagnosis : Current status for selected MNT
6. IP Setup : Showing / change Information of IP for selected MNT
7. USB Control

CONTENT
MANAGEMENT

Introducing LG SuperSign

LG SuperSign is a full HD Digital Signage Software designed to optimize SMB (Small and Medium Business). With an unparalleled level of intuitive and user-friendly operating features, it allows virtually anyone to operate the system conveniently. Furthermore, you will even save your time and cost with its easy and convenient maintenance functions. Now, you can rely on SuperSign. LG SuperSign will make your business shine even brighter.



Software

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

Media players

Easy and Quick management through media Playe

Display

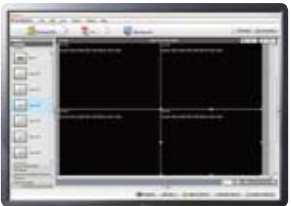
High Performance Displays

SuperSign Compatibility

Editing _ LG SuperSign's easy content editor resolves all content production issues.

LG SuperSign is so easy and efficient that even first-time users can quickly get used to the system's functionality. With sample templates tailored for specific industries and simple operating features such as 'drag & drop', you can create expert contents conveniently.

Wizard



Even a novice user can easily produce content in a few clicks.

Pre-defined Template



Customized templates designed for various industries.

Urgent Message



Digital bulletin board to display various information and emergency notices.

Drag & Drop Drag & Drop menu coupled with preview feature.

Content Editor



Facilitated editing of contents

Scheduler



Easier and efficient scheduling

Manager



Customized management display

Supersign Compatibility

Easy Update _ LG SuperSign's remote content delivery allows you to manage your contents quickly and efficiently.

LG SuperSign supports high-caliber remote content delivery. In LAN/WAN-equipped environments, you can promptly deliver contents to each display.



Using Scene - Bar



Using Scene - Shop



Using Scene - Sports Center



Morning



Lunch



Night

Easy Maintenance _ LG SuperSign's easy maintenance saves your time and cost so that you may focus your attention on making your business grow even further.

LG SuperSign's real-time monitoring and diagnostic system allows you to manage the system easily even from remote locations. The detachable NC1000 External Media Player is easy to remove from the unit. Additionally, the internal NC2000 Built-In Media Player makes your signage look even slimmer and helps you maintain the system far more conveniently. That way you can respond much more efficiently in case of an emergency.

Remote Control



Both the display and external media player can be powered on and off and software upgrades can be installed through LAN.

Fault Tolerant System



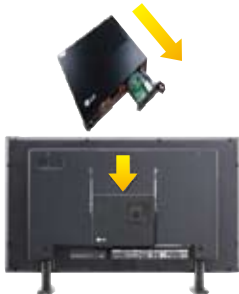
In case of temporal errors, Supersign software provides the fault tolerant functions for automatic network reconnection or software resumption.

Log Report



Information regarding display and content are recorded for future reference in an easy-to-read log report.

Media Player _ Detachable for Easier Maintenance



External Media Player
NC1000



Built-In Media Player
NC2000

PROFESSIONAL



M4225C



M4224N



M4720C



M5520C



65VS10(M6503C)

PANEL	Screen Size	42"	42"	47"	55"	65"
	Aspect Ratio	16 : 9	16 : 9	16 : 9	16 : 9	16 : 9
	Native Resolution	1920 X 1080 (FHD)	1920 X 1080 (FHD)	1920 X 1080 (FHD)	1920 X 1080 (FHD)	1920 X 1080 (FHD)
	Pixels(H x V x 3)	6,220,800	6,220,800	6,220,800	6,220,800	3,347,264
	Brightness	700 cd/m ²	700 cd/m ²	700 cd/m ²	700 cd/m ²	700 cd/m ²
	Contrast Ratio	1,200 : 1	1,000 : 1	1,300 : 1	1,300:1	2,500 : 1, 5,000:1 (DCR)
	Viewing Angle(H x V)	178 x 178	178 x 178	178 x 178	178 x 178	178 x 178
	Color Depth	1.06 Billion	1.06 Billion	1.06 Billion	1.06 Billion	1.07 Billion
	Response Time	10 ms(G to G)	9 ms(G to G)	10 ms(G to G)	10 ms(G to G)	8 ms(G to G)
	Surface Treatment	Hard Coating(3H) Anti-glare	Hard Coating(3H) Anti-glare	Hard Coating(3H) Anti-glare	Hard Coating(3H), Anti-glare	HCLR, Hard Coating(3H)
VIDEO	Max Input Resolution	1920 X 1080 @ 60Hz(RGB, HDMI/DVI)	1920 X 1080 @ 60Hz(Analog/Digital) 1920 X 1080 @ 60Hz(Digital-Recommended)	1920 X 1080 @ 60Hz(RGB, HDMI/DVI)	1920 X 1080 @ 60Hz(RGB, HDMI/DVI)	1920 X 1080 @ 60Hz(RGB, HDMI/DVI)
	Recommended Resolution	1920 X 1080 @ 60Hz(RGB, HDMI/DVI)	1920 X 1080 @ 60Hz(Analog/Digital)	1920 X 1080 @ 60Hz(RGB, HDMI/DVI)	1920 X 1080 @ 60Hz(RGB, HDMI/DVI)	1920 X 1080 @ 60Hz(RGB, HDMI/DVI)
	H-Scanning Frequency	30 ~ 83kHz(RGB, HDMI/DVI)	30 ~ 68kHz	30 ~ 83kHz(RGB, HDMI/DVI)	30 ~ 83kHz(RGB, HDMI/DVI)	30 ~ 83kHz(RGB, HDMI/DVI)
	V-Scanning Frequency	56 ~ 75 Hz(RGB), 60Hz(HDMI/DVI)	56 ~ 60 Hz	56 ~ 75 Hz(RGB), 60Hz(HDMI/DVI)	56 ~ 75 Hz(RGB), 60Hz(HDMI/DVI)	56 ~ 75 Hz(RGB), 60Hz(HDMI/DVI)
	Pixel Frequency	148.5 MHz(RGB, HDMI/DVI)	108 MHz(D-Sub)	148.5 MHz(RGB, HDMI/DVI)	148.5 MHz(RGB, HDMI/DVI)	148.5 MHz(RGB, HDMI/DVI)
	Sync Compatibility	Separate / Composite / Digital	-	Separate / Composite / Digital	Separate / Composite / Digital	Separate / Composite / Digital
	Video Input	RGB, HDMI / DVI	RGB Analog / Digital	RGB, HDMI / DVI	RGB, HDMI / DVI	RGB, HDMI / DVI
	Picture Mode	Vivid/Standard/Cinema/Sports/Game/Expert/	-	Vivid/Standard/Cinema/Sports/Game/Expert/	Vivid/Standard/Cinema/Sports/Game/Expert/	Vivid/Standard/Cinema/Sports/Game/User/
	Color Temperature	Warm / Medium / Cool	-	Warm / Medium / Cool	Warm / Medium / Cool	Warm / Medium / Cool / User
REAR INPUTS	Component Video	1Hi-Res	No	1Hi-Res	1Hi-Res	1Hi-Res
	PC Input via 15-Pin Sub "D"	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
	Composite Video Input / Output	1 / 1	No	1 / 1	1 / 1	1 / 1
	Audio Output	1	1	1	1	1
	Audio Inputs	2 Plus PC Sound	PC to Board(internal/Head Phone)	2 Plus PC Sound	2 Plus PC Sound	2 Plus PC Sound
	HDTV Formats	Component : 720p/1080i/1080p HDMI : 720p/1080i/1080p	No	Component : 720p/1080i/1080p HDMI : 720p/1080i/1080p	Component : 720p/1080i/1080p HDMI : 720p/1080i/1080p	Component : 720p/1080i/1080p HDMI : 720p/1080i/1080p
	PC Formats	Auto Scaling to WXGA	Auto Scaling to FHD	Auto Scaling to WXGA	Auto Scaling to FHD	Auto Scaling to FHD
	HDMI / DVI with HDCP	Yes	DV(only)Without HDCP	Yes	Yes	Yes
	RS-232C Input / Output	1 / 1, Female-to-Female Crossed Type	1 / 1, Male-to- Female Straight Type	1 / 1, Female-to-Female Crossed Type	1 / 1, Female-to-Female Crossed Type	1 / 1, Female-to-Female Crossed Type
	RJ-45	Yes	Yes	Yes	Yes	Yes
	USB	Yes	Yes	Yes	Yes	-
	Audio Jack Built-in(No Amp)	-	Yes	-	Yes	Yes
AUDIO	Discrete IR Input	-	Yes	-	Yes	-
	Auto Volume	Yes	Yes	Yes	Yes	Yes
	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)
	Speaker On/off	Yes	-	Yes	-	-
	Sound Mode	Standard/Music/Cinema/Sports/Game	Flat / Music / Movie / Sports / User	Standard/Music/Cinema/Sports/Game	Standard/Music/Cinema/Sports/Game	Clear Voice/Standard/Music/Cinema/Sports/Game/User
SPECIAL FEATURES	NC2000(Optional PC) Compatible	No	No	No	No	No
	New Temperature Sensor	Yes	No	Yes	Yes	Yes
	Tile Mode	Yes, Up to 5x5, support natural mode	Yes, Up to 5x5, support natural mode	Yes, Up to 5x5, support natural mode	Yes, Up to 5x5, support natural mode	Yes, Up to 5x5, support natural mode
	Image Zoom	No	No	No	No	No
	Source Selection	Digital(HDMI/DVI) / Analog(RGB) / Component / AV	Digital(DVI) / Analog (RGB)	Digital(HDMI/DVI) / Analog(RGB) / Component / AV	Digital(HDMI/DVI) / Analog(RGB) / Component / AV	Digital(HDMI/DVI) / Analog(RGB) / Component / AV
	Brightness/Contrast	Yes	Yes	Yes	Yes	Yes
	Set-up	Language (English / French / Spanish / Italian / German / Portugues / Korean / Japanese / Chinese / Russian)	Language (English / French / Spanish / Italian / German / Portugues / Korean / Japanese / Chinese / Russian)	Language (English / French / Spanish / Italian / German / Portugues / Korean / Japanese / Chinese / Russian)	Language (English / French / Spanish / Italian / German / Portugues / Korean / Japanese / Chinese / Russian)	Language (English / French / Spanish / Italian / German / Portugues / Korean / Japanese / Chinese / Russian)
	ISM Method	Normal, White wash, Orbiter, Inversion	-	Normal, White wash, Orbiter, Inversion	Normal/White wash/Orbiter/Inversion	Normal/White wash/Orbiter/Inversion
	Advanced	Color Temp, Dynamic Contrast, Dynamic Color, Noise Reduction, Gamma, Black Level, Film Mode	-	Color Temp, Dynamic Contrast, Dynamic Color, Noise Reduction, Gamma, Black Level, Film Mode	Gamma / Film mode / Black level / Noise Reduction	Gamma / Film mode / Black level / Noise Reduction
	Auto Power/Source Memory	Yes	-	Yes	Yes	Yes
	Key Lock	Yes	-	Yes	Yes	Yes
CABINET	Color	Black / Silver	Black / Silver	Black	Black	Black
	Bezel Width	16.9 mm	16.9 mm	17.9 mm	49.0 mm	36 mm
	Monitor Dimensions(W X H X D)	96.7cm (381) X 55.98cm(22.0") X 12.37cm (4.9")	96.7cm (381) X 55.98cm(22.0") X 12.37cm (4.9")		153.54cm (60.5") X 90.76cm (35.7") X 13.61cm (5.4")	111.70cm (44.0") x 66.10cm (26.0") x 11.87cm (4.7")
	Weight	18.64kg (41.1lb)	20.27kg (44.7lb)		52kg (114.6 lb)	28.80kg (63.5 lb)
	Monitor with Optional Stand & Speaker Dimensions(W X H X D)	96.7cm (381) X 63.5cm (25.0") X 25.86cm (10.2")	96.7cm (381) X 63.5cm (25.0") X 25.86cm (10.2")		N/A : No Speaker	96.7cm (381) X 63.5cm (25.0") X 25.86cm (10.2")
	Carton Dimensions(W X H X D)	104.5cm (411) X 66.0cm (26.1") X 25.0cm (9.8") (Head Only)	104.5cm (411) X 66.0cm (26.1") X 25.0cm (9.8") (Head Only)		169.0cm (66.5") X 103.0cm (40.6") X 33.0cm (13.0")	104.5cm (411) X 66.0cm (26.1") X 25.0cm (9.8") (Head Only)
	Packed Weight	21.87kg (48.21 lb) (head only) 24.80kg (54.67 lb) (full package)	23.5kg (51.8 lb) (head only)		59.6kg (114.6 lb) (head only)	31.53kg (69.51 lb) (head only) 37.88kg (83.51 lb) (full package)
	VESA™ Standard Mount Interface (mm)	600 X 400(AP-WX60)	600 X 400(AP-WX60)	600 X 400(AP-WX60)	600 x 400 (AP-WX60)	600 x 400 (AP-WX60)
POWER	Power Supply	100-240V-, 50/60Hz	100-240V-, 50/60Hz	100-240V-, 50/60Hz	100-240V-, 50/60Hz	100-240V-, 50/60Hz
	Power Type	Built-in Power	Built-in Power	Built-in Power	Built-in Power	Built-in Power
	Power Switch	No	No	No	No	Yes
	Power Consumption	220 W	300 W		550 W	200 W
	Normal					
	DPMS	1W(RGB) / 2W(HDMI)	15W	1W(RGB) / 2W(HDMI)	1W(RGB) / 2W(HDMI/DVI)	1W(RGB) / 2W(HDMI)
	Power Off	0.5W	1W	0.5W	0.5W	0.5W
STANDARD CERTIFICATION	Safety	UL / cUL / CB scheme / TUV	UL / c-UL / CB scheme / TUV / NEMKO	UL / cUL / CB scheme / TUV	UL / c-UL / CB scheme / TUV	UL / c-UL / CB scheme / TUV
	EMC	FCC Class "B" / VCCI / C-tick / CE / KCC	FCC Class "A" / VCCI / C-tick / CE / KCC	FCC Class "B" / VCCI / C-tick / CE / KCC	FCC Class "B" / VCCI / C-tick / CE / KCC	FCC Class "B" / VCCI / C-tick / CE / KCC

*The specification could be changed without prior notice.

COMPETITIVE



M3204C



M4214C



M4716C



M3704C



M4210L

ECONOMIC

PANEL	Screen Size	32"	42"	47"	37"	42"
	Aspect Ratio	16 : 9	16 : 9	16 : 9	16 : 9	16 : 9
	Native Resolution	1366 X 768 (WXGA)	1920 X 1080 (FHD)	1920 X 1080 (FHD)	1920 X 1080 (FHD)	1920 X 1080 (FHD)
	Pixels(H x V x 3)	3,347,264	6,220,800	6,220,800	6,220,800	6,220,800
	Brightness	450 cd/m ²	500 cd/m ²	500 cd/m ²	500 cd/m ²	500 cd/m ²
	Contrast Ratio	3,000:1 (Typ.), 20,000:1 (DCR)	1,300:1 , 40,000:1 (DCR)	1,300:1	1,500:1	1,300:1 , 3,000:1 (DCR)
	Viewing Angle(H x V)	178 x 178	178 x 178	178 x 178	178 x 178	178 x 178
	Color Depth	16.7 Million	1.06 Billion	1.06 Billion	1.06 Billion	1.06 Billion
	Response Time	6.5 ms(G to G)	10 ms(G to G)	10 ms(G to G)	5 ms(G to G)	10 ms(G to G)
	Surface Treatment	Hard Coating(3H) Anti-glare	Hard Coating(3H) Anti-glare	Hard Coating(3H) Anti-glare	Hard Coating(3H) Anti-glare	Hard Coating(3H) Anti-glare
VIDEO	Max Input Resolution	1600 X 1200 @ 60Hz(RGB)	1920 X 1080@ 60Hz(RGB, HDMI/DVI)	1920 X 1080@ 60Hz(RGB, HDMI/DVI)	1920 X 1080@ 60Hz(RGB, HDMI/DVI)	1920 X 1080@ 60Hz(RGB, HDMI/DVI)
	Recommended Resolution	1360 X 768 @ 60Hz(RGB, HDMI/DVI)	1920 X 1080@ 60Hz(RGB, HDMI/DVI)	1920 X 1080@ 60Hz(RGB, HDMI/DVI)	1920 X 1080@ 60Hz(RGB, HDMI/DVI)	1920 X 1080@ 60Hz(RGB, HDMI/DVI)
	H-Scanning Frequency	30 ~ 83kHz(RGB, HDMI/DVI)	30 ~ 83kHz(RGB, HDMI/DVI)	30 ~ 83kHz(RGB, HDMI/DVI)	30 ~ 83kHz(RGB, HDMI/DVI)	30 ~ 83kHz(RGB, HDMI/DVI)
	V-Scanning Frequency	56 ~ 75 Hz(RGB), 60Hz(HDMI/DVI)	56 ~ 75 Hz(RGB), 60Hz(HDMI/DVI)	56 ~ 75 Hz(RGB), 60Hz(HDMI/DVI)	56 ~ 75 Hz(RGB), 60Hz(HDMI/DVI)	56 ~ 75 Hz(RGB), 60Hz(HDMI/DVI)
	Pixel Frequency	162 MHz(RGB), 148.5 MHz (HDMI/DVI)	148.5 MHz(RGB, HDMI/DVI)	148.5 MHz(RGB, HDMI/DVI)	148.5 MHz(RGB, HDMI/DVI)	148.5 MHz(RGB, HDMI/DVI)
	Sync Compatibility	Separate / Composite / Digital	Separate / Composite / Digital	Separate / Composite / Digital	Separate / Composite / Digital	Separate / Composite / Digital
	Video Input	RGB, HDMI / DVI	RGB, HDMI / DVI	RGB, HDMI / DVI	RGB, HDMI / DVI	RGB, HDMI / DVI
	Picture Mode	Vivid/Standard/Cinema/Sports/Game/Expert/	Vivid/Standard/Cinema/Sports/Game/Expert/	Vivid/Standard/Cinema/Sports/Game/Expert/	Vivid/Standard/Cinema/Sports/Game/Expert/	Vivid/Standard/Cinema/Sports/Game/User/
	Color Temperature	Warm / Medium / Cool	Warm / Medium / Cool	Warm / Medium / Cool	Warm / Medium / Cool	Warm / Medium / Cool / User
REAR INPUTS	Component Video	1Hi-Res	1Hi-Res	1Hi-Res	1Hi-Res	1Hi-Res
	PC Input via 15-Pin Sub "D"	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
	Composite Video Input / Output	1 / 1	1 / 1	1 / 1	1 / 1	No
	Audio Output	1	1	1	1	1
	Audio Inputs	2 Plus PC Sound	2 Plus PC Sound	2 Plus PC Sound	2 Plus PC Sound	2 Plus PC Sound
	HDTV Formats	Component : 720p/1080i HDMI : 720p/1080i/1080p	Component : 720p/1080i/1080p HDMI : 720p/1080i/1080p	Component : 720p/1080i/1080p HDMI : 720p/1080i/1080p	Component : 720p/1080i/1080p HDMI : 720p/1080i/1080p	Component : 720p/1080i/1080p HDMI : 720p/1080i/1080p
	PC Formats	Auto Scaling to WXGA	Auto Scaling to WXGA	Auto Scaling to WXGA	Auto Scaling to WXGA	Auto Scaling to WXGA
	HDMI / DVI with HDCP	Yes	Yes	Yes	Yes	Yes
	RS-232C Input / Output	1 / 1, Female-to-Female Crossed Type	1 / 1, Female-to-Female Crossed Type	1 / 1, Female-to-Female Crossed Type	1 / 1, Female-to-Female Crossed Type	Input Only, Female-to- Female Crossed Type
	RJ-45	Yes	Yes	Yes	Yes	No
	USB	Yes	Yes	Yes	Yes	-
	Audio Jack Built-in(No Amp)	-	-	-	-	Yes
AUDIO	Discrete IR Input	-	-	-	-	No
	Auto Volume	Yes	Yes	Yes	Yes	Yes
	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)
	Speaker On/off	Yes	Yes	Yes	Yes	-
	Sound Mode	Standard/Music/Cinema/Sports/Game	Standard/Music/Cinema/Sports/Game	Standard/Music/Cinema/Sports/Game	Standard/Music/Cinema/Sports/Game	Clear Voice/Standard/Music/Cinema/Sports/Game/User
SPECIAL FEATURES	NC2000(Optional PC) Compatible	Yes	Yes	Yes	No	No
	New Temperature Sensor	Yes	Yes	Yes	Yes	Yes
	Tile Mode	Yes, Up to 5x5, support natural mode	Yes, Up to 5x5, support natural mode	Yes, Up to 5x5, support natural mode	Yes, Up to 5x5, support natural mode	Yes, Up to 5x5, support natural mode
	Image Zoom	No	No	No	No	No
	Source Selection	HDMI/DVI, RGB, Component, AV, SuperSign(Optional)	HDMI/DVI, RGB, Component, AV, SuperSign(Optional)	HDMI/DVI, RGB, Component, AV, SuperSign(Optional)	Digital(HDMI/DVI) / Analog(RGB) / Component / AV	Digital(HDMI/DVI) / Analog(RGB)/AV
	Brightness/Contrast	Yes	Yes	Yes	Yes	Yes
	Set-up	Language (English / French / Spanish / Italian / German / Portugues / Korean / Japanese / Chinese / Russian)	Language (English / French / Spanish / Italian / German / Portugues / Korean / Japanese / Chinese / Russian)	Language (English / French / Spanish / Italian / German / Portugues / Korean / Japanese / Chinese / Russian)	Language (English / French / Spanish / Italian / German / Portugues / Korean / Japanese / Chinese / Russian)	Language (English / French / Spanish / Italian / German / Portugues / Korean / Japanese / Chinese / Russian)
	ISM Method	Normal/White wash/Orbiter/Inversion	Normal/White wash/Orbiter/Inversion	Normal/White wash/Orbiter/Inversion	Normal/White wash/Orbiter/Inversion	Normal/White wash/Orbiter/Inversion
	Advanced	Color Temp, Dynamic Contrast, Dynamic Color, Noise Reduction, Gamma, Black Level, Film Mode	Color Temp, Dynamic Contrast, Dynamic Color, Noise Reduction, Gamma, Black Level, Film Mode	Color Temp, Dynamic Contrast, Dynamic Color, Noise Reduction, Gamma, Black Level, Film Mode	Color Temp, Dynamic Contrast, Dynamic Color, Noise Reduction, Gamma, Black Level, Film Mode	Gamma / Film mode / Black level / Noise Reduction
	Auto Power/Source Memory	Yes	Yes	Yes	Yes	Yes
	Key Lock	Yes	Yes	Yes	Yes	Yes
CABINET	Color	Black	Black / Silver	Black	Black	Black / Silver
	Bezel Width	51.5 mm	30.4 mm	36 mm	53.7 mm	30.4 mm
	Monitor Dimensions(W X H X D)	80.29cm (31.6") x 49.30cm (19.4") x 9.99cm (3.9")	96.7cm (381) X 55.98cm(22.0") X 12.37cm (4.9")	111.70cm (44.0") x 66.10cm (26.0") x 11.87cm (4.7")	92.81cm (36.5") x 57.12cm (22.5") x 11.25cm (4.4")	99.56cm (39.2") x 58.76cm (23.1") x 11.37cm (4.5")
	Weight	13.2kg (29.1lb)	18.64kg (41.1lb)	28.80kg (63.5 lb)	17.86kg (39.4lb)	17.76kg (39.2lb)
	Monitor with Optional Stand & Speaker Dimensions(W X H X D)	80.29cm (31.6") x 53.18cm (20.9") x 30.19cm (11.9")	96.7cm (381) X 63.5cm (25.0") X 25.86cm (10.2")	111.70cm (44.0") x 75.78cm (29.8") x 30.26cm (11.9")	92.81cm (36.5") x 60.81cm (23.9") x 30.19cm (11.9")	99.56cm (39.2") x 67.40cm (26.5") x 29.30cm (11.5")
	Carton Dimensions(W X H X D)	89.5cm (35.2") x 59.8cm (23.5") x 18.9cm (7.4") (Head Only)	104.5cm (411) X 66.0cm (26.1") X 25.0cm (9.8") (Head Only)	120.3cm (47.4") x 77.8cm (30.6") x 33.2cm (13.1") (Head Only)	101.5cm (40.0") x 68.3cm (26.9") x 25.3cm (10.0") (Head Only)	112.0cm (44.1") x 66.0cm (26.0") x 28.5cm (11.2") (Head Only)
	Packed Weight	13.98kg (30.82 lb) (head only) 15.58 (34.35lb) (full package)	21.87kg (48.21 lb) (head only) 24.80kg (54.67 lb) (full package)	31.53kg (69.51 lb) (head only) 37.88kg (83.51 lb) (full package)	23.84kg (52.5 lb) (full package)	21.96kg (48.41 lb) (head

TOUCH



M3801S



M4716T

OUTDOOR



47WV30



M4224F

PANEL	Screen Size	47"	42"	
	Aspect Ratio	16 : 9	16 : 9	
	Native Resolution	1366 X 768 (HD)	1920 X 1080 (FHD)	
	Pixels(H x V x 3)	3,147,264	6,220,800	
	Brightness	800 cd/m2	700 cd/m2	
	Contrast Ratio	1,300:1, 500,000:1(DCR)	800:1, 3,000:1 (DCR)	
	Viewing Angle(H x V)	178 x 178	178 x 178	
	Color Depth	16.7 Million	1.06 Billion	
	Response Time	12 ms(G to G)	9 ms(G to G)	
	Surface Treatment	Hard coating(3H), Anti-glare	Hard Coating(3H), Anti-Reflection Coated (ARC)	
VIDEO	Max Input Resolution	1366 X 768 @ 60Hz(RGB/HDMI/DVI)	1920 X 1080 @ 60Hz(RGB, HDMI/DVI)	
	Recommended Resolution	1366 X 768 @ 60Hz(RGB/HDMI/DVI)	1920 X 1080 @ 60Hz(RGB, HDMI/DVI)	
	H-Scanning Frequency	30 ~ 68kHz (RGB, HDMI/DVI)	30 ~ 83kHz(RGB, HDMI/DVI)	
	V-Scanning Frequency	56~75Hz(RGB) / 63 Hz(HDMI/DVI)	56 ~ 75 Hz(RGB), 60Hz(HDMI/DVI)	
	Pixel Frequency	80 MHz(RGB, HDMI/DVI)	148.5 MHz(RGB, HDMI/DVI)	
	Sync Compatibility	Separate / Composite / Digital	Separate / Composite / Digital	
	Video Input	RGB, HDMI / DVI	RGB, HDMI / DVI	
	Picture Mode	Vivid/Standard/Cinema/Sports/Game	Vivid/Standard/Cinema/Sports/Game/User1/User2	
	Color Temperature	Warm/Medium/Cool	Warm / Medium / Cool / User	
	REAR INPUTS	Component Video	1Hi-Res	1Hi-Res
PC Input via 15-Pin Sub "D"		1 / 1	1 / 1	
Composite Video Input / Output		-	1 / 1	
Audio Output		1	1	
Audio Inputs		2 Plus PC Sound	2 Plus PC Sound	
HDTV Formats		480i / 480p / 576i 576p / 720p / 1080i	Component : 720p/1080i/1080p HDMI : 720p/1080i/1080p	
PC Formats		Auto Scaling to HD	Auto Scaling to FHD	
HDMI / DVI with HDCP		Yes	Yes	
RS-232C Input / Output		1 / 1, Female-to-Female Crossed Type	1 / 1, Female-to-Female Crossed Type	
RJ-45		Yes	Yes	
AUDIO	USB	Yes	-	
	Audio Jack Built-in(No Amp)	Yes	Yes	
	Discrete IR Input	Yes	Yes	
	Auto Volume	No	Yes	
	Balance	Yes	Yes	
	Audio Power	20W(10W x 2)	20W(10W x 2)	
	Speaker On/off	Yes	Yes	
	Sound Mode	Standard/Music/Cinema/Sports/Game	Clear Voice/Standard/Music/Cinema/Sports/Game/User	
	SuperSign Elite-s Compatible	Yes	No	
	New Temperature Sensor	Yes	Yes	
SPECIAL FEATURES	Tile Mode	Yes, 15 x 15	Yes, Up to 5x5, support natural mode	
	Image Zoom	No	No	
	Source Selection	Digital(HDMI/DVI) / DVI / Analog(RGB) / Component / USB	Digital(HDMI/DVI) / Analog(RGB) / Component / AV	
	Brightness/Contrast	Yes	Yes	
	Set-up	Language (Korean / Chinese / Japanese / German / English / French / Portuguese / Spanish / Italian / Russian)	Language (English / French / Spanish / Italian / German / Portugues / Korean / Japanese / Chinese / Russian)	
	ISM Method	Normal / Color wash / White wash	Normal/White wash/Orbiter/Inversion/Dot wash	
	Advanced	Color Temp / Dynamic Contrast / Dynamic Color / Noise Reduction / Gamma / Black level / Film Mode	Gamma / Film mode / Black level / Noise Reduction	
	Auto Power/Source Memory	Yes	Yes	
	Key Lock	Yes	Yes	
	CABINET	Color	Black	Black / Silver
Bezel Width		3.9(left / top) / 2.4(right / bottom)mm	16.9 mm	
Monitor Dimensions(W X H X D)		1046.8(41.2 inch) X 591.6(23.3 inch) X 91.1(3.6 inch)	96.7cm (38.1") X 55.98cm(22.0") X 12.37cm (4.9")	
Weight		29kg(63.9lb)	18.64kg (41lb)	
Monitor with Optional Stand & Speaker Dimensions(W X H X D)		-	96.7cm (38.1") X 63.5cm (25.0") X 25.86cm (10.2")	
Carton Dimensions(W X H X D)		1110 X 668 X 269	104.5cm (41.1") x 66.0cm (26.1") x 25.0cm (9.8") (Head Only) 114.5cm (45.1") x 72.8cm (28.7") x 25.7cm (10.1") (Full Package)	
Packed Weight		34kg	21.87kg (48.21 lb) (head only) 24.80kg (54.67 lb) (full package)	
VESA™ Standard Mount Interface (mm)		800 X 400	600 x 400 (AP-WX60)	
POWER		Power Supply	100-240V-, 50/60Hz	100-240V-, 50/60Hz
		Power Type	Built-in Power	Built-in Power
	Power Switch	Yes	No	
	Power Consumption	220W(Max), 160W(Typ)	220 W	
	DPMS	10W(RGB)	1W(RGB) / 2W(HDMI)	
STANDARD CERTIFICATION	Power Off	0.5W	1W	
	Safety	UL / C-UL / CB / TUV / KC	CB scheme / TUV	
	EMC	FCC / CE / KCC	CE	

*The specification could be changed without prior notice.

SUPERSIGN

SOFTWARE SPECIFICATION

Contents Editor and Scheduler	Layout	Lower Step Operation by Drag & Drop Description : Background Image, Image, Video, Text, Web Page, RSS, Music, Date & Time Support Predefined Layouts
	Template	Support Predefined Templates
Device and Network Manager	Preview	Yes
	GUI	Enhanced (Web 2.0 Based GUI : RIA Framework)
	Notification Message	SMTP Mail Service
	Video Wall	25(ea)
Content Previewer and Player	Monitoring	Visual, Fault Tolerant
	Transfer	Store Play
	GUI	Enhanced (Web 2.0 Based GUI: RIA Framework)
	Image	File types : bmp, png, jpeg
	Movie	File types : avi, wmv, mp4, mov, mkv, ts, tp, mpg, mpeg, flv (Codec Installation Needed)
	Music	File types : wav, mp3, wma
	Misc.	File types : pdf, ppt, xls, doc, swf (MS Office Needed)
	RSS	RSS 1.0, RSS2.0, ATOM Supported

MEDIA PLAYER H/W SPECIFICATION

GENERAL	Mother Board		SPECIFICATION				REMARKS
	CPU		New Designed Board 150 x 80 (Supersign)				LG
	Memory		Intel ATOM Processor 330 1.6GHz(Dual Core), FSB 533MHz				Intel
	Storage		DDR3 1066 1024MB/2048MB SODIMM type				Hynix
MULTI I/O PORT	Chip Set		SATA SSD 8GB/16GB/32GB				Sandisk
	BIOS		Nvidia MCP7A-ION				Nvidia
	Chip Set		Phoenix, Inc. BIOS				LG
	Serial Port		Nvidia MCP7A-ION				
	USB Port		One external RS-232 Serial port				NC1000 Only
	LAN Port		USB memory, USB Hard-disk, USB CD-ROM, Key board, mouse				
	Display		Realtek RTL8103E 10/100 Mbps Ethernet controller				
			HDMI Out Support(NC1000 Only)				
	5-in-1 Card		VGA Out Support(NC1000 Only)/DVI Out(NC2000 Only)				NC1000 Only
OS MECHANICAL	PCI Express Card Slot		Support SD/mmC/xD-Picture/memory Stick				
	LINE OUT		Supported				NC1000 Only
	SPDIF(Digital audio out)		Supported				NC1000 Only
	OS		5.1 Channel Supported(Depend on source signal)				MicroSoft
	Dimension		BeforePacking	XP Embedded			NC1000
	Weight	After Packing	250(W) x 45(D) x 220(H)			NC1000	
		Only SET	330(700)(W) x 357(376)(D) x 107(330)(H)			NC1000	
		With BOX	1,321g			NC1000	
	Container		Individual or	2,470g(15,890g) / unit box(master box)			NC1000
	LoadingQuantity		Palletizing	20ft : 288(Indi.) 612(Wooden) 40ft : 288(Indi.) 612(Wooden)			
ENGINEERING	Supported Sync Type		Separate Sync, Composite Sync, Digital/SOG-Not supported				
	Operating Frequency		Analog/Digital : 30~68KHz(Horizontal) 56~60Hz(Vertical)				
	Resolution		Analog/Digital : 1920 x 1080@60Hz(max/Recommend)				
	Input Voltage		Voltage : 100~240Vac , 50 or 60Hz/Current Rating				NC1000
	Sound output Wattage		R/L : 10W(Reference :1KHz 0.7V RmS sine wave input)				NC1000
			Spec : (9W~11W) With monitor (M4224C)				
			50A under(230Vac input Base)				
			Sync (H/V)	Video	LED	Wattage	
			On/On	Active	On	≤40W	PC
			Off/Off	Off	Off	≤1W	PC Off
		50,000HRS with 90% Confidence Level	Lamp Life : 50,000Hours (min)				

OPERATION SPECIFICATION

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

* The specification could be changed without prior notice.

COMPOSITION OF SUPERSIGN _Name of Each Part

1. Power Cable Input Terminal
2. Power Switch
3. RS-232C Output Terminal
4. USB Input Terminal
5. HDMI Output Terminal
6. LAN/USB Connection Terminal
7. 4-in-1 Multi-card Slot
8. D-SUB Output Terminal
9. Optical
10. SuperSign Power Button
11. Line-out Connection Terminal
12. Mini Express Card Slot

Operation and program installation can be carried out using USB Memory, USB Hard-disk, USB CD-ROM, Keyboard (wired/wireless), Mouse (wired/wireless), etc.



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