



# LG Commercial Monitor

FLATRON™ M3202C | M3702C | M4212C | M4224C | M4212N | M4210D | M4712C | M4714C  
M5201C | M2900S | M3800S







Anywhere, Everywhere.....  
**LG Wide Display Series**



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 M2900S/M3800S

Specification \_ 32

● Standard Monitors

	HD	FHD
32"	 <p><b>M3202C</b></p> <ul style="list-style-type: none"> <li>• Exclusive PD Panel</li> <li>• New Management tool</li> <li>• Common Speaker</li> </ul>	
37"	 <p><b>M3702C</b></p> <ul style="list-style-type: none"> <li>• New Management tool</li> <li>• Common Speaker</li> <li>• P solution compatible</li> </ul>	
42"	 <p><b>M4212C</b></p> <ul style="list-style-type: none"> <li>• Exclusive PD Panel</li> <li>• New Management tool</li> <li>• 29 (mm) Bezel Width</li> </ul>	 <p><b>M4224C</b></p> <ul style="list-style-type: none"> <li>• Exclusive PD Panel</li> <li>• New Management tool</li> <li>• 17 (mm) Bezel Width</li> </ul>
47"	 <p><b>M4712C</b></p> <ul style="list-style-type: none"> <li>• New Management tool</li> <li>• IP Solution compatible</li> <li>• Common Speaker</li> </ul>	 <p><b>M4714C</b></p> <ul style="list-style-type: none"> <li>• New Management tool</li> <li>• IP Solution compatible</li> <li>• Common Speaker</li> </ul>
52"		 <p><b>M5201C</b></p> <ul style="list-style-type: none"> <li>• New Management tool</li> <li>• IP Solution compatible</li> <li>• Common Speaker</li> </ul>

● Special Monitors

	29"~38" Class	42" Class
Stretched MNT	 <p><b>M2900S/M3800S</b></p> <ul style="list-style-type: none"> <li>• Content interchangeable</li> <li>• (Zoom Function)</li> <li>• Aspect Ratio : 17:5 (M2900S)</li> <li>• Aspect Ratio : 17:6 (M3800S)</li> </ul>	
Controller Built-in		 <p><b>M4212N</b></p> <ul style="list-style-type: none"> <li>• Built-in Controller</li> <li>• Exclusive PD panel</li> <li>• Compatible to InfoChannel 5</li> </ul>
Shine-Out (Transflective)		 <p><b>M4212F</b></p> <ul style="list-style-type: none"> <li>• Outdoor display (Readable under sunlight)</li> <li>• Film type ※TBD</li> </ul>
3D MNT		 <p><b>M4210D</b></p> <ul style="list-style-type: none"> <li>• OPEN GL content playable</li> <li>• Conversion software (still image/ stereo movie/ mixed reality)</li> </ul>
Touch Screen		 <p><b>M4210T</b></p> <p>※TBD</p>





## LG Commercial Monitor

The commercial displays requires additional features to meet certain conditions. The following 8 categories are the most important elements of the digital signage displays

### Reliable Picture Quality

- High Resistance to Image Retention
- Portrait Display mode

### Clear Image

- Super-IPS Technology

### Management Tool

- Time Scheduler
- Image Retention Minimization

### Frame Design

- Narrow Bezel
- Video Wall Application

### Flexibility

- High Controller-built-in model (Compatible with Scala InfoChannel 5)
- Easy Video Wall Setup
- Common Speaker

### Scalability

- IP Solution for Narrowcasting

### Convenience

- RS232C control
- Central management via IP solution

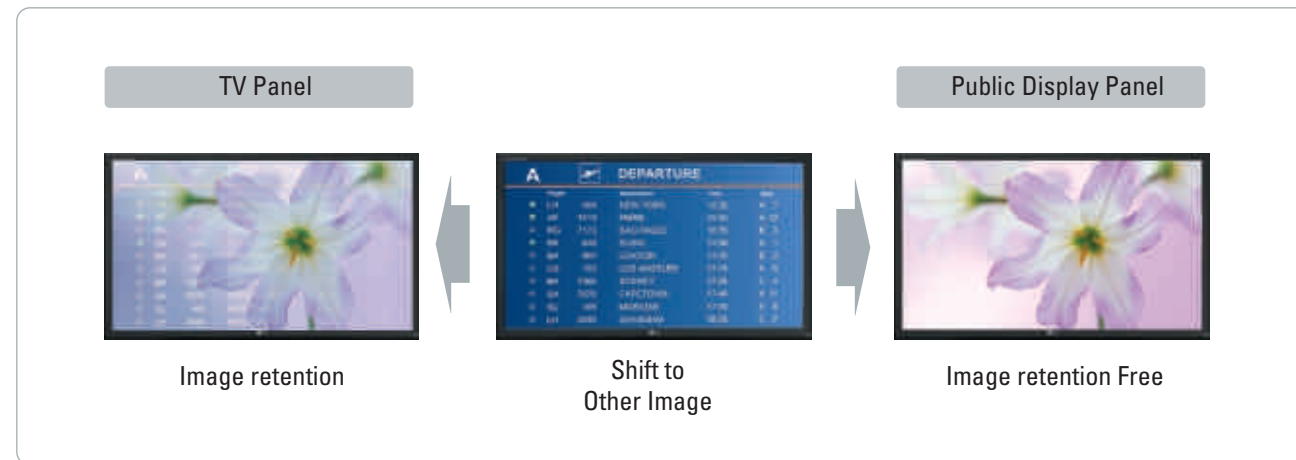
### Eco-Friendly Product

- Power Saving
- RoHS & WEEE

• Reliable Picture Quality

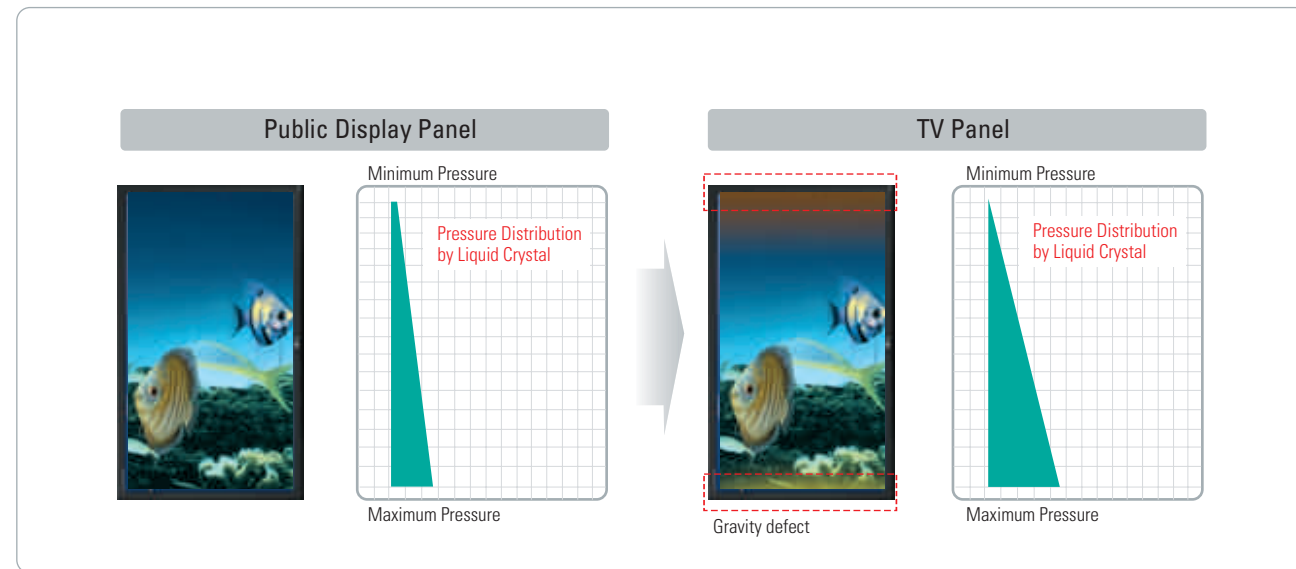
High Resistance to Image Retention

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 condition.



Any- Mode Display (Portrait Enabled)

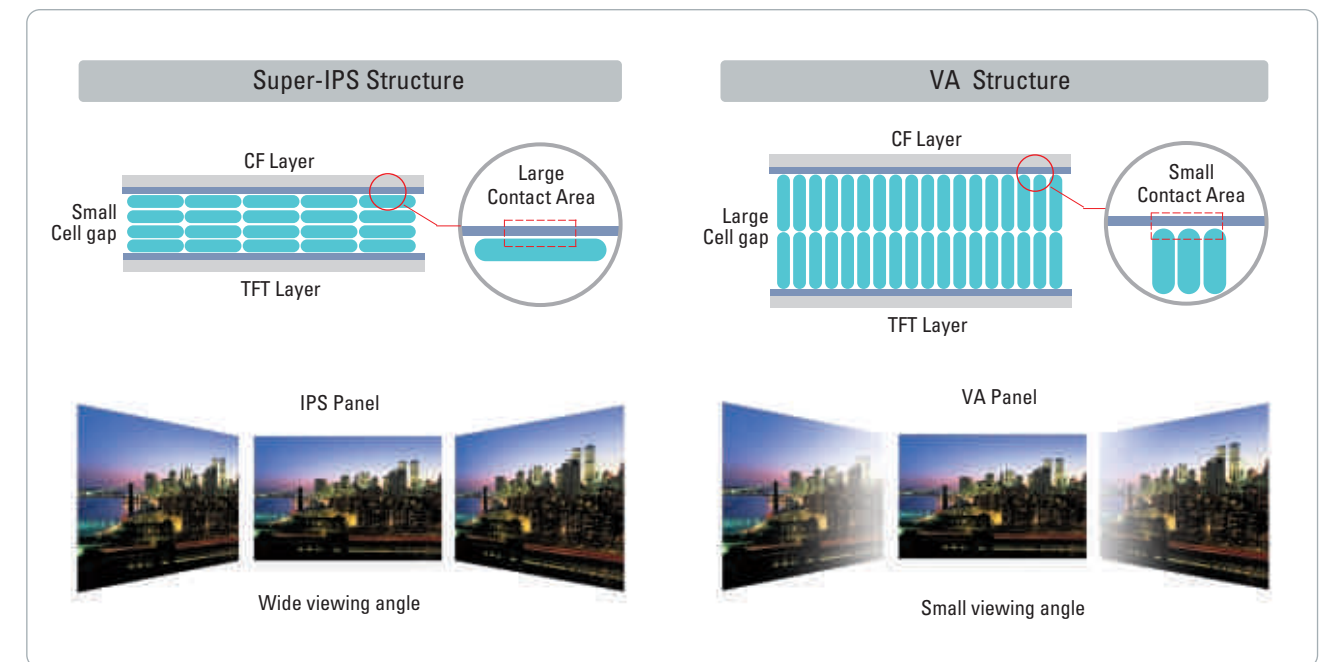
The portrait display mode is the exclusive area of the PD module. The pressure exerted by the liquid crystal is generally proportional to the distance from the top of the screen. Therefore the maximum pressure is exerted at the bottom of screen while the minimum pressure is exerted at the top of the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



• Clear Image

Wide Viewing Angle

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



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.

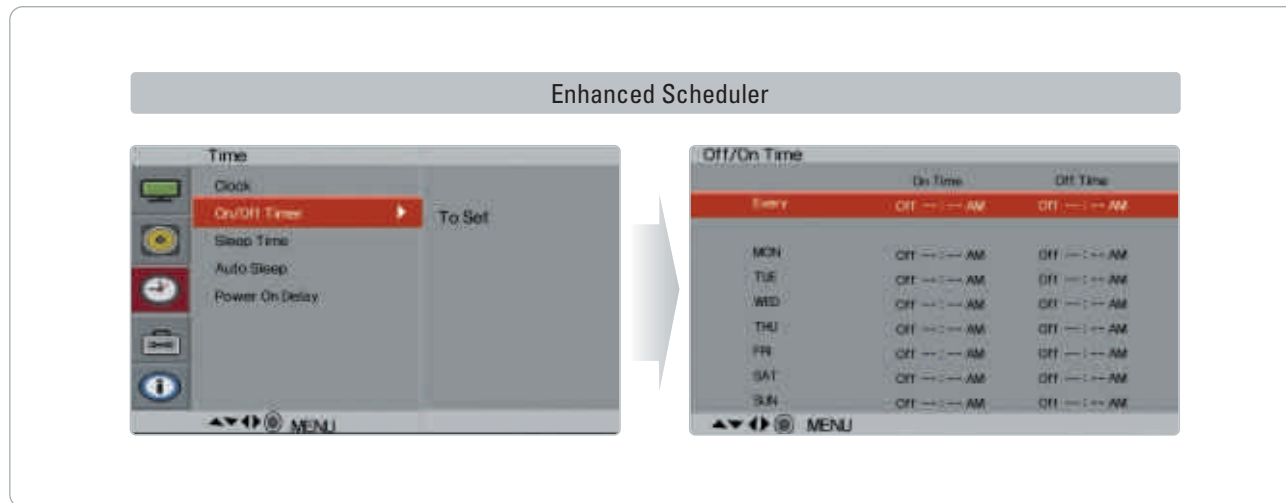




## Management Tool

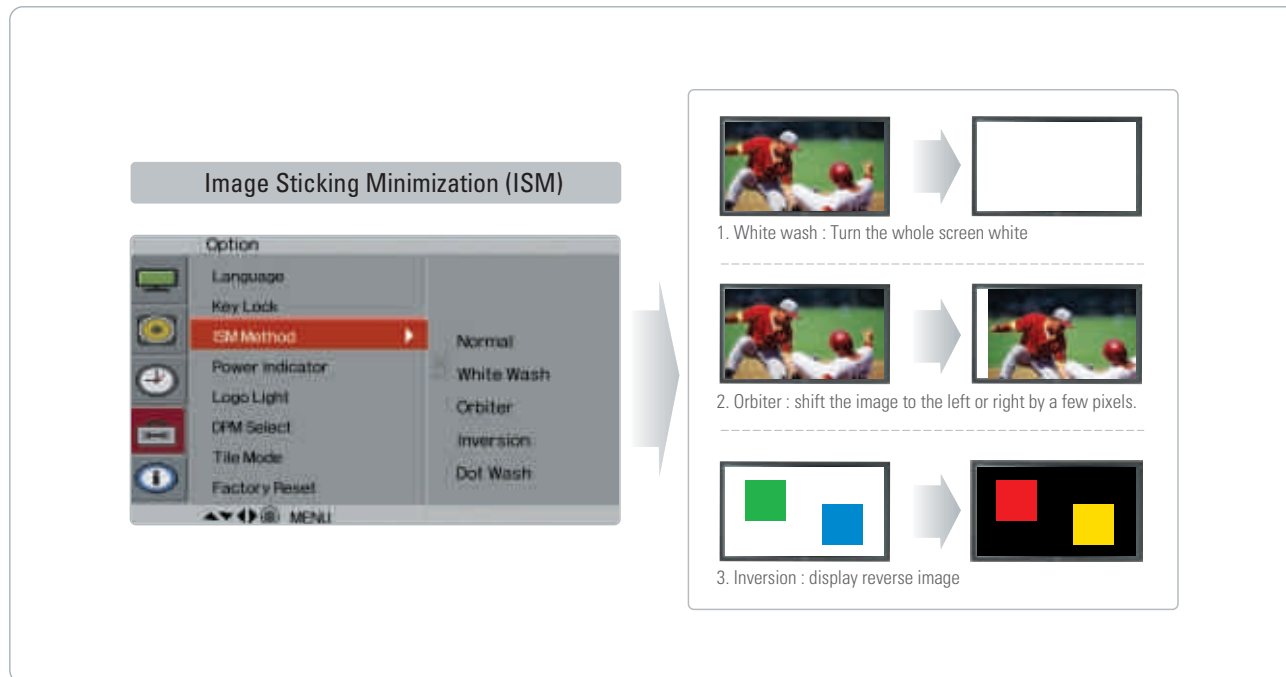
### Enhanced Scheduler

The upgraded scheduler let 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 Retention Free

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



## Frame Design

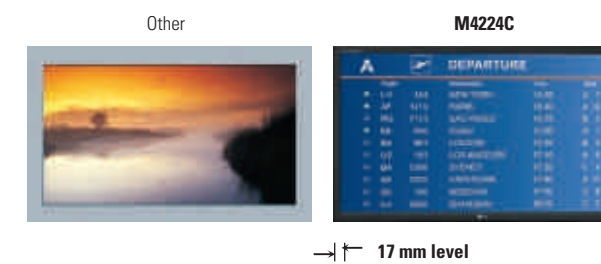
### Common Speaker & Slim Bezel

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, the M4224C has a bezel width of 17(mm). Beside, the common speaker is applicable to any LCD monitors from 32" - 47".



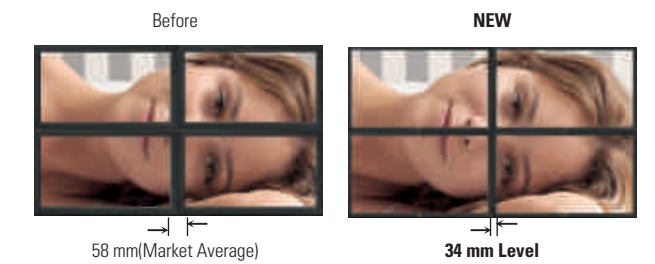
### Single Use

Clear & more focused picture view than wide bezel  
• M4712C : 36 (mm) bezel width



### Video Wall Use (M4224C)

Less distorted image by narrow bezel & natural mode



## Flexibility

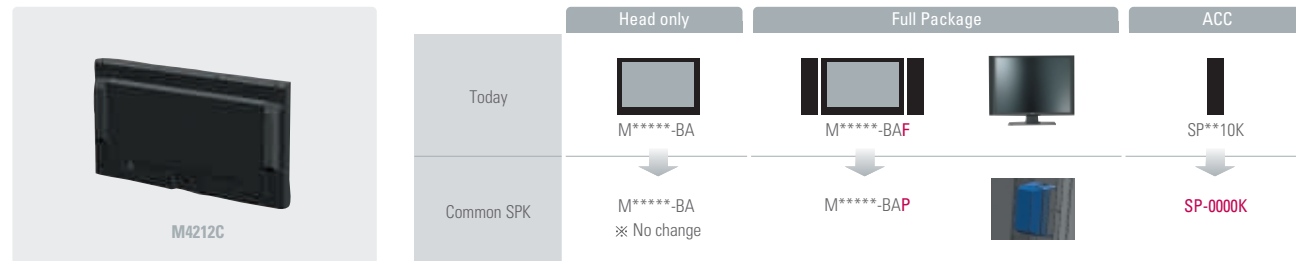
### Software Compatibility

One of the critical factors required for digital signage and corporate communication is the compatibility with SI. LG monitor with built-in controller can run the InfoChannel 5 software of Scala which is the leading software for network management.



### Common SPK for LG MNT

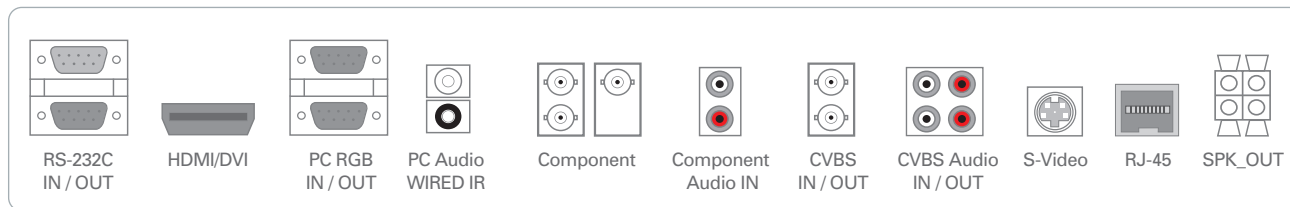
With the development of common speakers, you can apply the same speakers to any size of LG monitors between 32"~47". This feature enhances the flexibility of our Monitors.



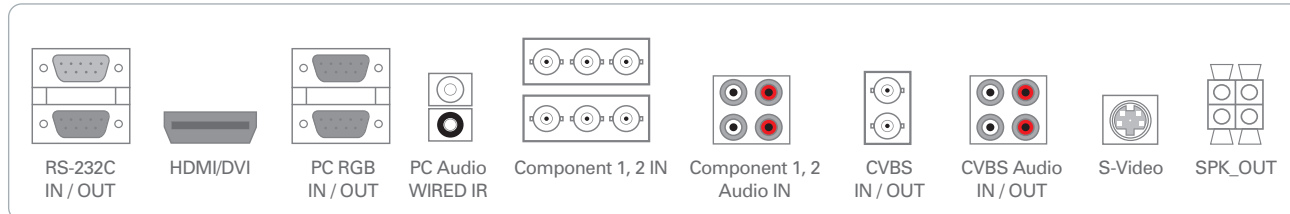
### Various Interface

LG commercial MNT comes with various interfaces in order to meet all the AV signals available. Specially, M4224C has a RJ-45 port for multiple displays control and software update.

#### M4224C Interface



#### Other MNT Interface (M3202C/M3702C/M4212C/M4712C/M4714C/M5201C)



## Scalability

### Narrowcasting Schematic

While narrowcasting based on the IP solution manages everything from content to display settings LAN control model or M4224C manages the settings of multiple displays without any extra cost.



### LAN Control and IP Solution

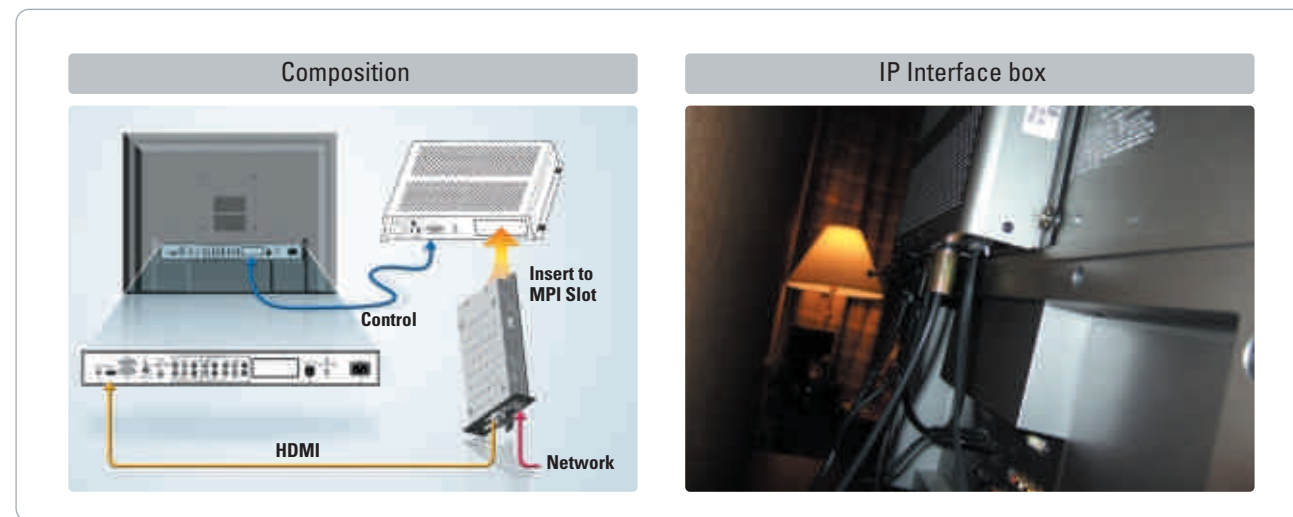
LG Commercial monitors provide 2 different version of server software which could be best implemented for controlling multiple displays. M4224C is provided together with software

	Description	Model	Function
LAN Control	+ Built-in LAN Controller	M4224C	<ul style="list-style-type: none"> <li>• Device Status Check</li> <li>• Remote Firmware Upgrade</li> <li>• Schedule Management</li> <li>• Tile Mode Setting</li> </ul>
IP Solution	+ IP Card + IP-Interface Box	M3202C M3702C M4212C M4224C M4712C M4714C M5201C	<ul style="list-style-type: none"> <li>• Device Status Check</li> <li>• IP Channel Management</li> <li>• RF Channel Management</li> <li>• Playing Schedule Management</li> <li>• File/IP Channel/RF Channel Play</li> <li>• Adobe Flash Play</li> <li>• Text Message Display on Device</li> <li>• Remote Firmware Upgrade</li> </ul>

## Scalability

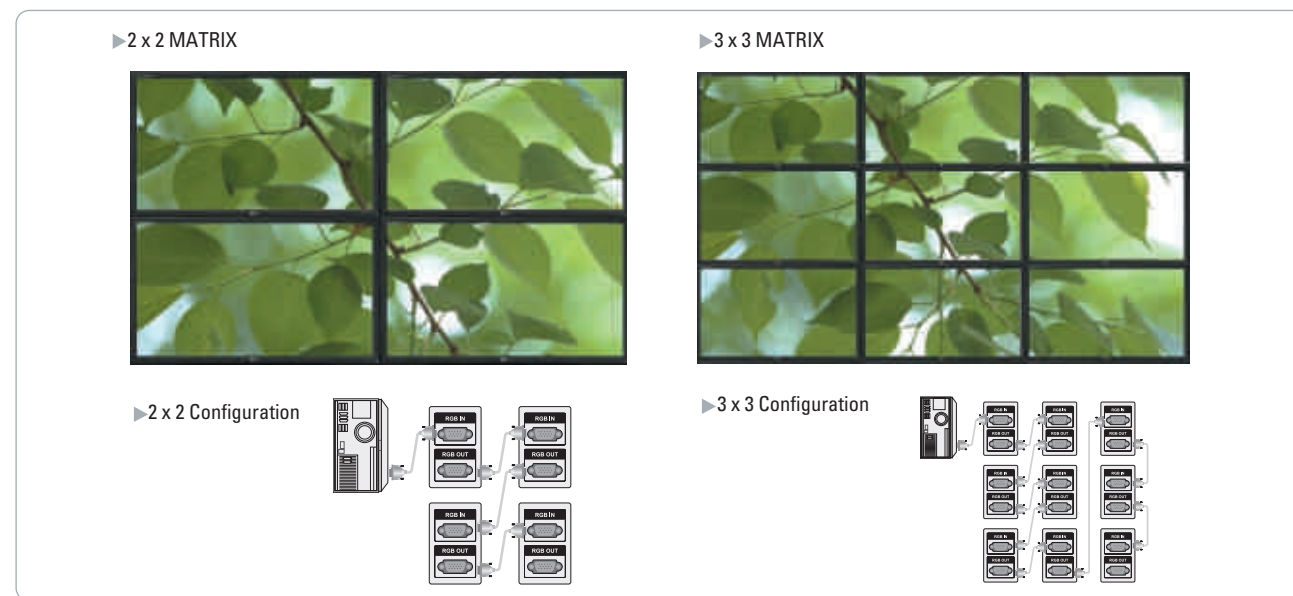
### Installation of IP Interface Box

IP card along with IP Interface Box is mounted on the back of the monitor in a piggyback style. This solution significantly reduces the installation cost because each monitor doesn't have to pair up with personal computer



### Tile Mode :

The dimension of video wall application could extend to 5x5 with a signal distributor. The simple daisy-chain connection for tiling application efficiently supports up to 3x3.



## Eco-Friendly Product

There is a couple of crucial factors for digital signage in modern industry. The first one is eco-design. LG displays comply with RoHS and WEEE. The second one is a power consumption associated with displays. Since many of digital signage displays are put into operation more than 12 hours a day, less and effective power consumption is important.

### Power Saving

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



### Save Every Penny

Assuming that the electricity rate is 14.24 cent/KW, the amount of money saved by M4212C and M5201C, when deployed by 1 or 100 units, are as following;

#### Example |

- Model : M4212C
- Operation Time : 14 hours/day
- Rate : \$ 0.1424/KWh

	Power (KW)	Differential (KW)	Monthly Saving(\$)		Annual Saving(\$)	
			1 (unit)	100 (unit)	1 (unit)	100 (unit)
Normal	0.220	0	0	0	0	0
Backlight : 80	0.180	0.040	2.39	239.2	28.7	2871
Backlight : 60	0.148	0.072	4.30	430.6	51.6	5167
Backlight : 40	0.126	0.094	5.62	562.2	67.4	6746

Consequently, if deployed by hundred, You can save more than \$5,000 a year.

### Eco-Design

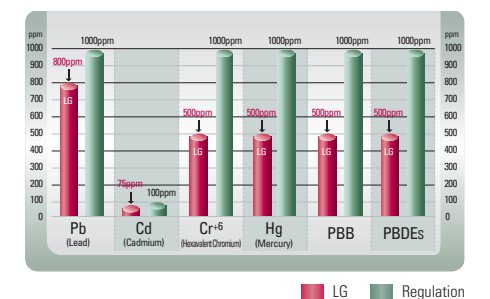
#### RoHS

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



#### WEEE

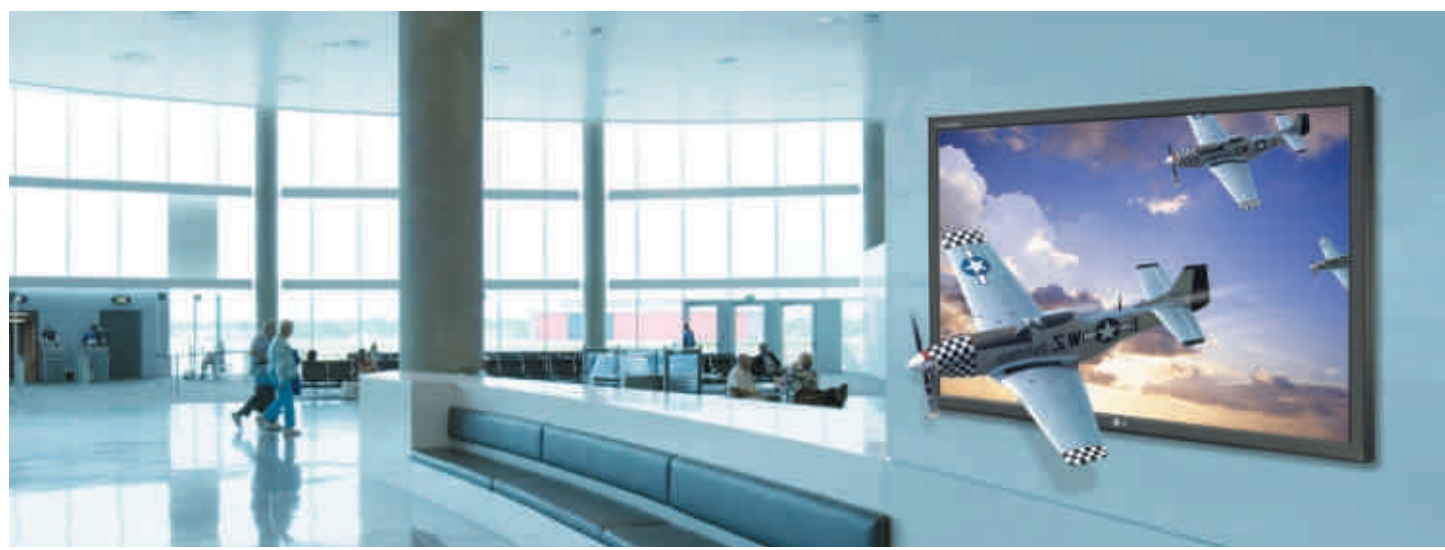
(Waste Electrical & Electronic Equipment) In order to reduce the waste from electronic devices, more than 80% of LG products are recyclable. Thanks to this regulation, the owners may dispose hundreds of displays free of charge after years of use.





● **Special Model** ●

LG Commercial Monitor  
LED



## LG Special Model



- Open GL
- 3D Still Image
- Mixed Reality
- Conversion Software

3D Monitor\_M4210D



- Content Interchangeable (Zoom Function)
- LED Substitute

Stretched Monitor\_M2900S | M3800S



● **3D Monitor**

**Various Application**

LG 3D monitor is able to display objects in 3 dimensions. Its uniqueness is good enough to mesmerize people such that it could be implemented for various purposes. You may display stereo movie or 3D animation of your own choice based on the content production process.



Retail Shop



Shopping Mall



3D Animation



3D Movie

**3D Content Type**

Many different type of 3D images could be displayed through M4210D. The basic applications are 3D still photo image and 3D animation.

■ **Still Image**



In order to display still picture, the photo must be taken from 9-25 different angles.

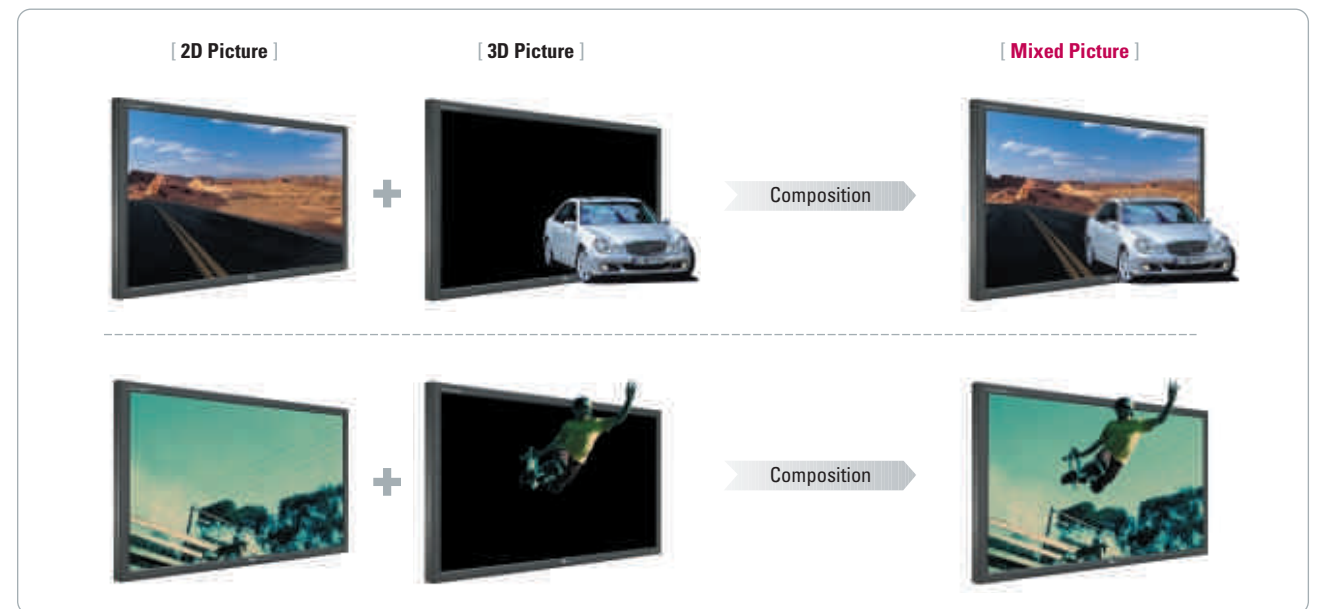
■ **True 3D Animation**



In order to display 3D animation, special software such as 3DS Max or Maya are used.

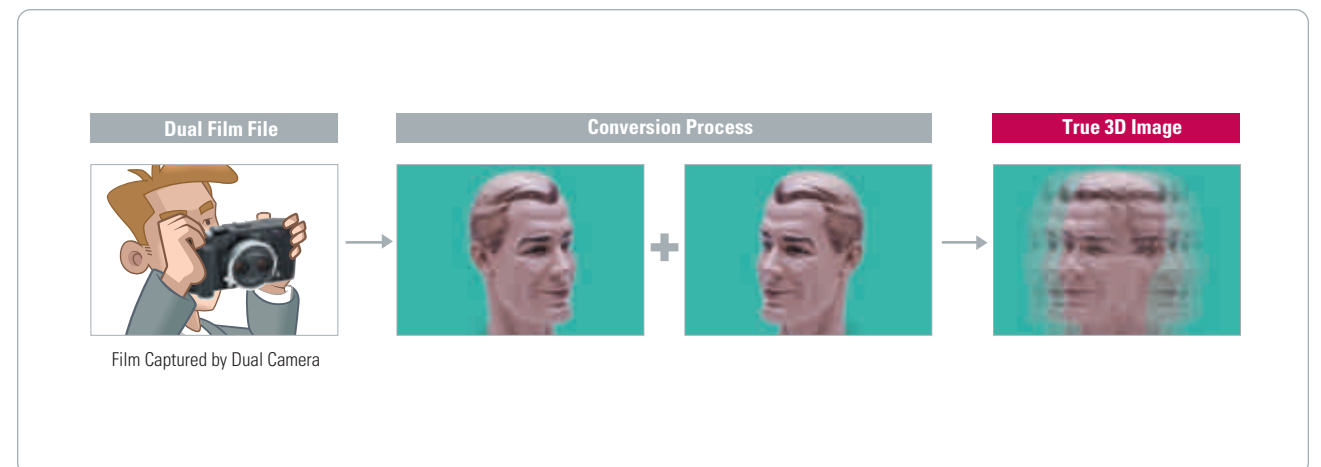
■ **2D and 3D Mixed Movie**

3D image with 2D background could be displayed by multiplexing 3D image created by 3DS max and 2D movie. This combination of 2D and 3D images could give the customer various application at an affordable price.



■ **Stereo Movie to True 3D Movie**

Any films that has been captured by dual camera could be converted into real 3D movie. LG's unique software converts the stereo movie into the seamless 3D movie and this will be available from the March of 2008.






● **Stretched Monitor**

**Unique Application**


The stretched display has a non-standard aspect ratio for specific applications.  
The product concept is to replace the conventional LED display at the call center, bus terminal and casino.

**Application Scene**


Bus terminal



Airport




Casino



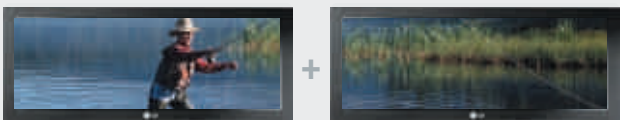
The Application is Frequently found in Call Center and Bus stop.


One of the advantage of the stretched display is to draw people's attention for its unique aspect ratio. On top of that, two stretched displays could be combined into one display with a help from SI.  
By combining two stretched displays, even more text information could be displayed to deliver the message just like customized LED display


**Eye Catching Solution**



+



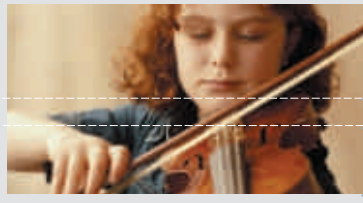




**Content Production Guide**

The content for the stretched monitors must be created in a specific format.  
The right resolution for M2900S & M3800S are 1366x 480 and 1366x398 respectively.

**1366x768 Original Image**




398 Lines

480 Lines

768 Lines


Panel Resolution = Content Resolution

M3800S



398 Lines Active Pixel : 1360 x 398

M2900S




480 Lines Active Pixel : 1360 x 480

	M2900S	M3800S
Screen Size	29.1"	38.1"
Resolution	1366(H) x 480(V)	1366(H) x 398(V)

**Zoom Function**

The content created for M2900S could be fit into the M3800S regardless of resolution difference.  
The 'Zoom' function makes contents interchangeable between M2900S and M3800S

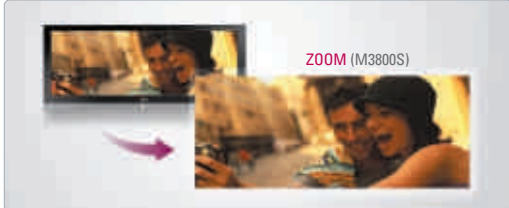
M2900S



ZOOM (M2900S)

- Content Resolution : 1366 x 398
- Panel Resolution : 1366 x 480
- Zoom Function : On

M3800S

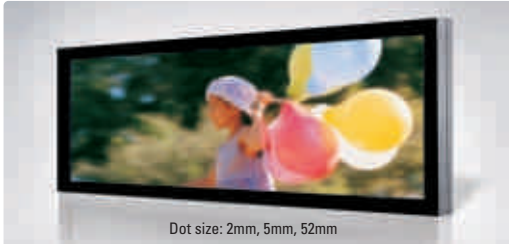


ZOOM (M3800S)

- Content Resolution : 1366 x 480
- Panel Resolution : 1366 x 398
- Zoom Function : On


**Fine Picture**

LED Display



Dot size: 2mm, 5mm, 52mm

Stretched Display



Dot size: 0.5mm ↓

LCD device is known for its fine resolution so you can see much finer image than LED device

● **Commercial Display Series M3202C**

**What are new in M3202C?**

- 1\_ **New Management tool** : M3202C comes with a new 'Management Tool' which includes 'Enhanced Scheduler', 'Auto Serial Number Retrieval' and 'Emergency Power Saving Mode'.
- 2\_ **Exclusive PD Module** : M3202C adopts a 'Public Display' Panel which is highly resistant to image retention.
- 3\_ **Common Speaker** : M3202C adopts the 'Common Speaker' which is applicable to MNT 32" ~ 47".

## M3202C

**Panel**

- Aspect Ratio : 16 : 9
- Native Resolution : 1366 x 768 (WXGA)
- Brightness : 500cd/m<sup>2</sup>
- Contrast Ratio : 3,000 : 1(DCR)
- Response Time : 9 ms (G to G)
- Viewing Angle (H x V) : 178 x 178

**Audio**

- Sound Mode (Clear voice / Standard / Music / Cinema / Sports / Game / User)
- Audio Power : 20W (10W x 2)



● **Commercial Display Series M3702C**

**What are new in M3702C?**

- 1\_ **New Management tool** : M3702C comes with a new 'Management Tool' which includes 'Enhanced Scheduler', 'Auto Serial Number Retrieval' and 'Emergency Power Saving Mode'.
- 2\_ **Common Speaker** : M3702C adopts the 'Common Speaker' which is applicable to MNT 32" ~ 47".

## M3702C

**Panel**

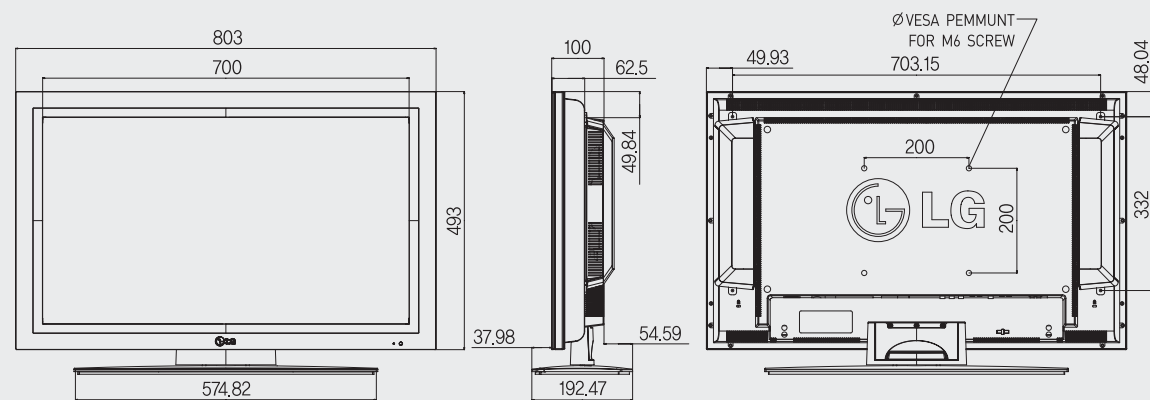
- Aspect Ratio : 16 : 9
- Native Resolution : 1366 x 768 (WXGA)
- Brightness : 500cd/m<sup>2</sup>
- Contrast Ratio : 3,000 : 1(DCR)
- Response Time : 5 ms (G to G)
- Viewing Angle (H x V) : 178 x 178

**Audio**

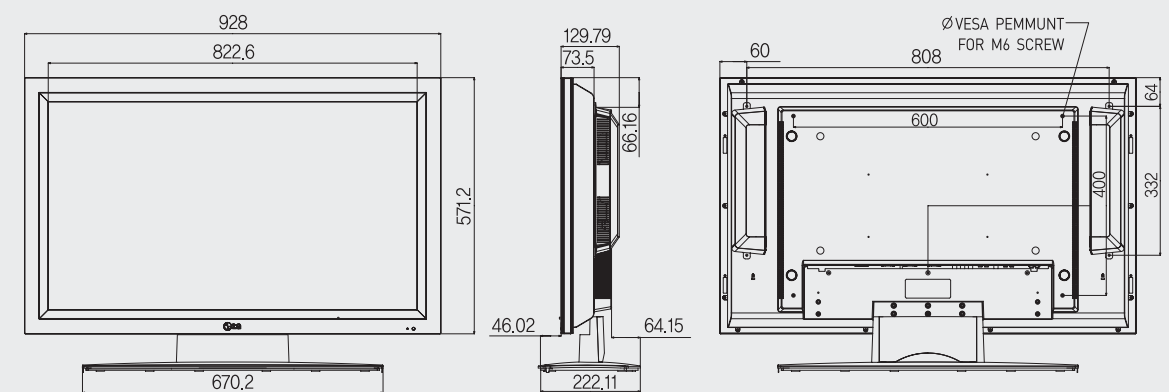
- Sound Mode (Clear voice / Standard / Music / Cinema / Sports / Game / User)
- Audio Power : 20W (10W x 2)



● **Dimension**



● **Dimension**





● Large Size Display Series M4212C

What are new in M4212C?

- 1\_ New Management tool : The 'Enhanced Scheduler' and 'Auto Serial Number Retrieval' are added to conveniently manage the displays
- 2\_ Exclusive PD Module : M4212C adopts the exclusive public display module which is highly resistant to image retention and the defect associated with gravity. This feature makes this model fit the commercial environment or application where the displays are to be operated more than 10 hours a day
- 3\_ Common Speaker : M4212C adopts the 'Common Speaker' which is applicable to MNT 32" ~ 47".
- 4\_ Piggyback style IP solution : Thanks IP solution, central management of content and display greatly enhance the user convenience.

## M4212C

**Panel**

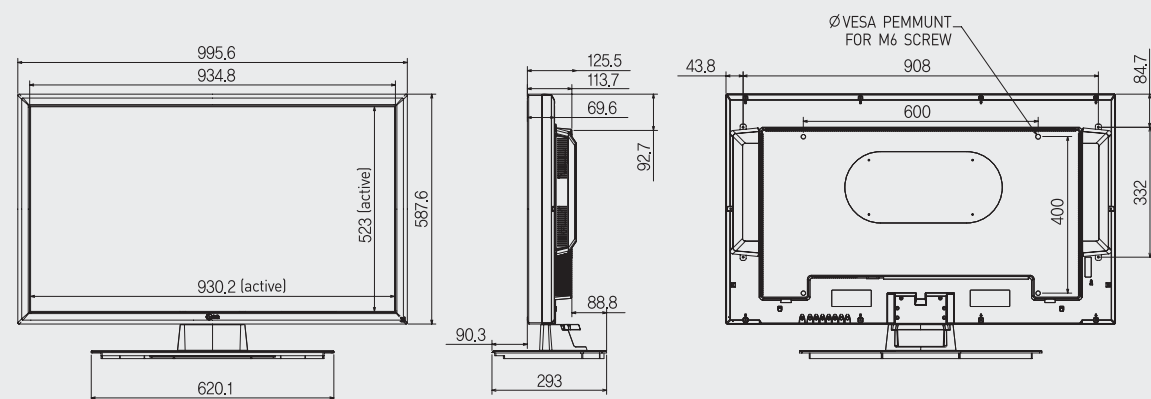
- Aspect Ratio : 16 : 9
- Native Resolution : 1366 x 768 (WXGA)
- Brightness : 500cd/m<sup>2</sup>
- Contrast Ratio : 3,000 : 1 (DCR)
- Response Time : 9 ms (G to G)
- Viewing Angle (H x V) : 178 x 178

**Audio**

- Sound Mode (Clear voice / Standard / Music / Cinema / Sports / Game / User)
- Audio Power : 20W (10W x 2)



● Dimension



● Large Size Display Series M4224C

What are new in M4224C?

- 1\_ LAN Control Solution : LAN-built-in solution together with server software let the user control multiple displays. Besides, the firmware is conveniently updated via RJ-45.
- 2\_ Exclusive PD Module : M4224C adopts the exclusive public display module which is highly resistant to image retention and the defect associated with gravity. This feature makes this model fit the commercial environment or application where the displays are to be operated more than 10 hours a day
- 3\_ Brighter and Finer : While M4212C is known for HD resolution and 500 (cd) brightness is 700 (cd). This feature enables M4224C fit the window display facing sunlight.
- 4\_ 17(mm)of Bezel Width : M4224C utilizes new tool such that its bezel width is dramatically reduced. See the difference it makes when it comes to the video wall application.
- 5\_ New Management tool : The 'Enhanced Scheduler' and 'Auto Serial Number Retrieval' are added to conveniently manage the displays

## M4224C

**Panel**

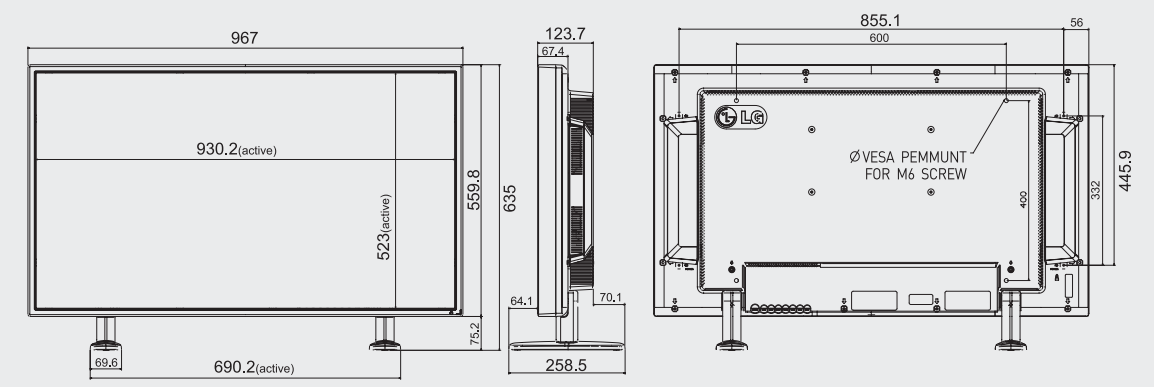
- Aspect Ratio : 16 : 9
- Native Resolution : 1920 x 1080 (WUXGA)
- Brightness : 700cd/m<sup>2</sup>
- Contrast Ratio : TBD.
- Response Time : 9 ms (G to G)
- Viewing Angle (H x V) : 178 x 178

**Audio**

- Sound Mode (Clear Voice / Standard / Music / Cinema / Sports / Game / User)
- Audio Power : 20W (10W x 2)



● Dimension



● **Large Size Display Series M4212N**

**What are new in M4212N?**

- 1\_Upgrade Controller** : M4212N is the upgrade version of M4210N. It's upgrade is focused on mainly CPU and video card. Therefore, this controller is compatible with finest client software.
- 2\_Exclusive PD Module** : M4212N adopts the exclusive public display module which is highly resistant to image retention and the defect associated with gravity. This feature makes this model fit the commercial environment or application where the displays are to be operated more than 10 hours a day

**M4212N**

**Panel**

- Aspect Ratio : 16 : 9
- Native Resolution : 1366 x 768 (WXGA)
- Brightness : 500cd/m<sup>2</sup>
- Contrast Ratio : 800 : 1
- Response Time : 9 ms (G to G)
- Viewing Angle (H x V) : 178 x 178

**Audio**

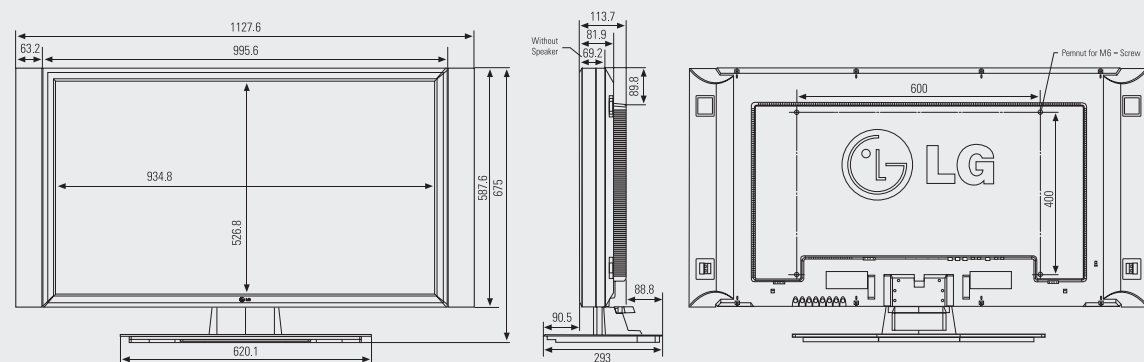
- Surround MAX
- SSM  
(Flat / Music / Movie / Sports / User)
- Audio Power : 20W (10W x 2)

**Controller**

- CPU : Intel Celeron 575(2.0G)
- Main Chipset : Intel GM45 ICH9-M Base
- Memory : DDR II 800MHz 1GB
- HDD : S-ATA 2.5" 160G



● **Dimension**



● **Large Size Display Series M4210D**

**Eye-Popping Effect**

The latest technology from LG resulted in 3-dimension display. The 3D Movie literally mesmerizes the passers-by

**Various Content Display**

LG M4210D can display True 3D animation, True 3D still image and 2D & 3D mixed image. The choice is yours!

**M4210D**

**Panel**

- Aspect Ratio : 16 : 9
- Native Resolution : 1920 x 1080 (Full HD)
- Brightness : 350cd/m<sup>2</sup>
- Contrast Ratio : 800:1
- Response Time : 8 ms (G to G)
- Viewing Angle (H x V) : 178 x 178

**3D**

- 3D Resolution :  
Approximately VGA
- 3D Depth : 90cm
- 3D Viewing Distance : 3m~5m

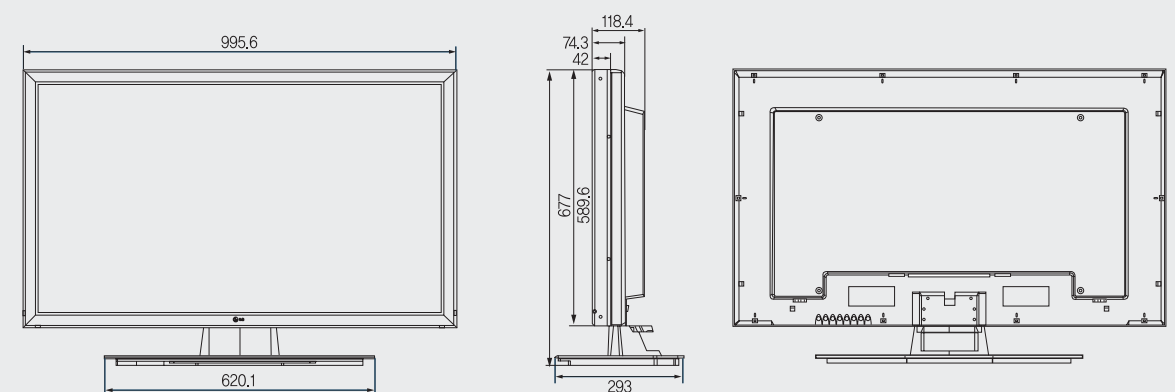
**Software**

- Player : True3D Player
- Plug-in :  
True3D 3DS Max Plug-in

**3D Monitor**



● **Dimension**





● **Large Size Display Series M4712C/4714C**

**Light Duty with all Commercial features (M4712C)**

M4712C adopts TV module for dynamic contents display or landscape display. It is also equipped with management tool and common speaker (optional).

**Heavy Duty with all Commercial features (M4714C)**

M4714C adopts FHD PD module for static image as well as dynamic contents display. This PD module will greatly widen the scope of the applications from portrait mode to landscape mode without any defect resulting from gravity.

## M4712C

**Panel**

- Aspect Ratio : 16 : 9
- Native Resolution : 1366 x 768 (WXGA)
- Brightness : 500cd/m<sup>2</sup>
- Contrast Ratio : 3,000:1(DCR)
- Response Time : 8 ms (G to G)
- Viewing Angle (H x V) : 178 x 178

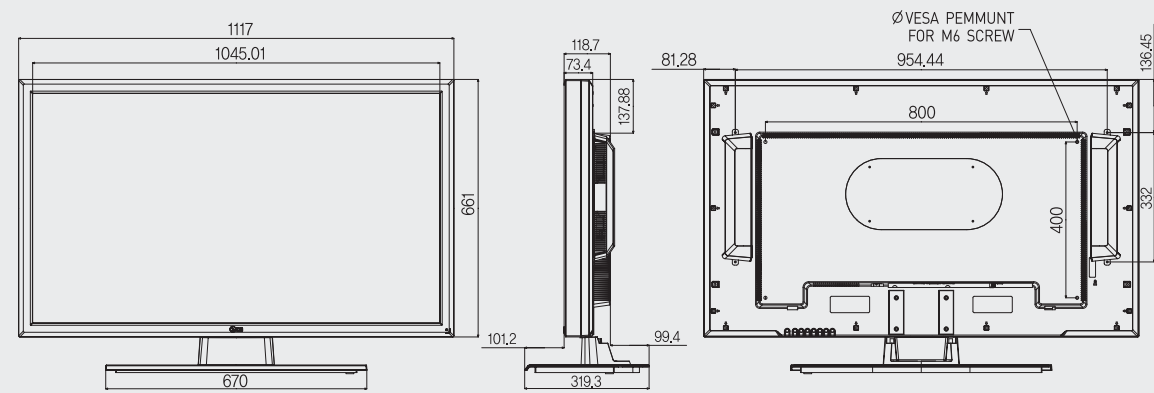
## M4714C

**Panel**

- Aspect Ratio : 16 : 9
- Native Resolution : 1920 x 1080 (WUXGA)
- Brightness : 500cd/m<sup>2</sup>
- Contrast Ratio : 3,000:1(DCR)
- Response Time : 9 ms (G to G)
- Viewing Angle (H x V) : 178 x 178



● **Dimension**



● **Large Size Display Series M5201C**

**FHD LCD Display**

The largest LCD of LG could be displayed for wide applications. The vivid image from FHD gives you every reason why you should select M5201C for premier application

**Exclusive Public Display Module**

From Feb of 2008, exclusive PD module is adopted to M5201C. This will not only improve the lifetime but also let you choose the portrait mode for the application necessary.

## M5201C

**Panel**

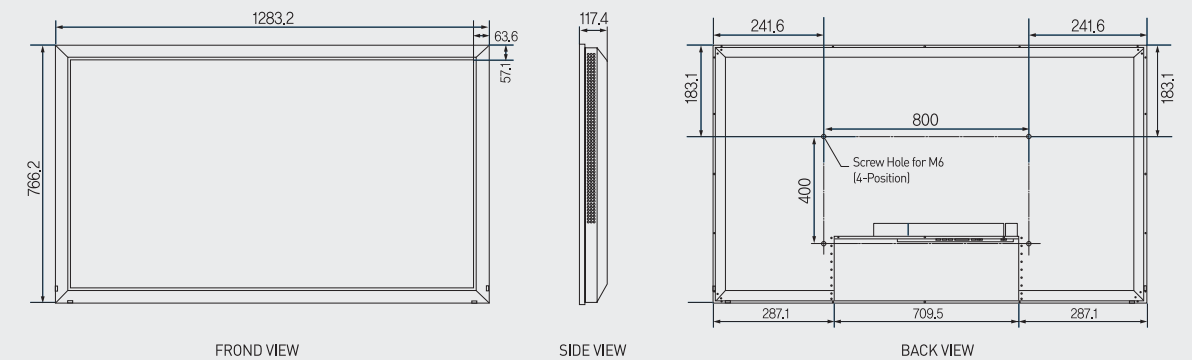
- Aspect Ratio : 16 : 9
- Native Resolution : 1920 x 1080 (WUXGA)
- Brightness : 500cd/m<sup>2</sup>
- Contrast Ratio : 800 : 1(1,600 : 1DCR)
- Response Time : 9ms(GTG)
- Viewing Angle (H x V) : 178 x 178

**Audio**

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



● **Dimension**



● Large Size Display Series M2900S

LG strached display, M2900S is designed to serve a specific purpose. It's wide aspect ratio is good for displaying 2 separate contents. This display could be a good substitute for LED display which consumes more power.

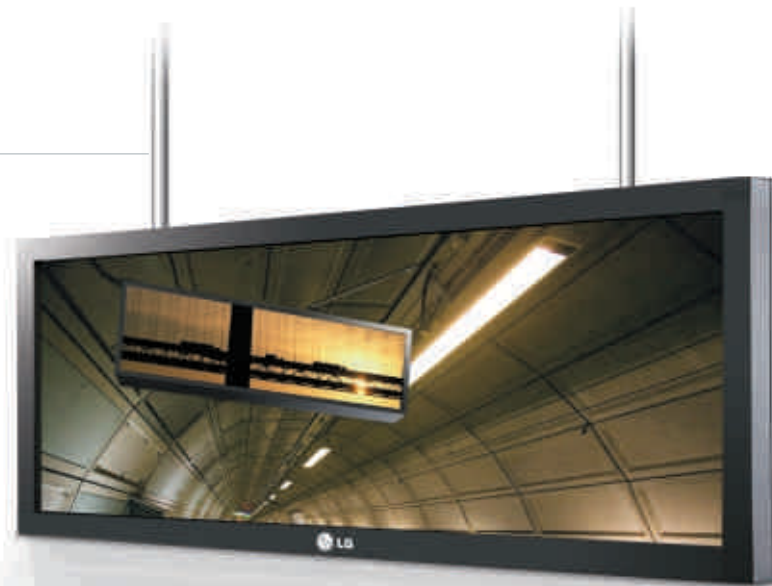
## M2900S

**Panel**

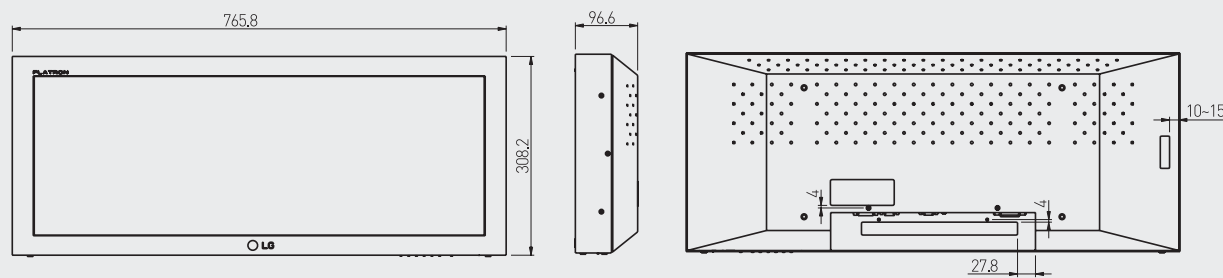
- Aspect Ratio : 17 : 6 (2,845:1)
- Native Resolution : 1366 x 480 (WXGA)
- Brightness : 450cd/m<sup>2</sup>
- Contrast Ratio : 1000 : 1
- Response Time : 8 ms (G to G)
- Viewing Angle (H x V) : 178 x 178

**Video**

- Recommended Resolution 1360 x 768 (Analog / Digital)
- Pixel Frequency : 140MHz (RGB / DVI)
- Video Input : RGB Analog / Digital
- Color temperature Cool / Warm / Nomal / User



● Dimension



● Large Size Display Series M3800S

The application of M3800S could be found in the fast food restaurant and train station. The content made for M2900S is also compatible with M3800S. This 'ZOOM' function saves cost for making contents.

## M3800S

**Panel**

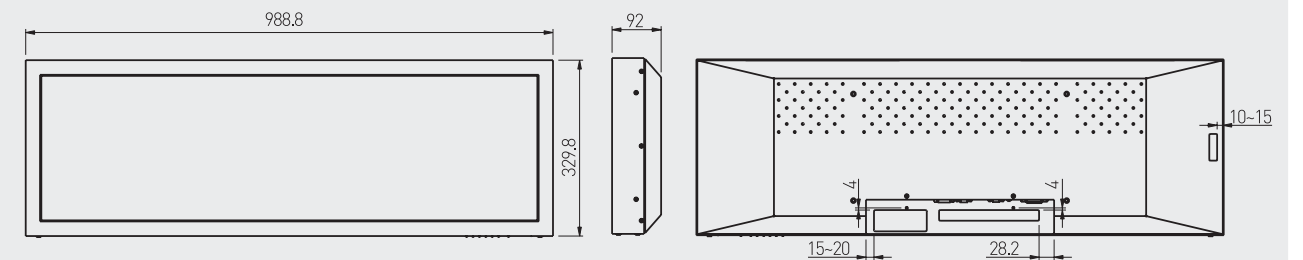
- Aspect Ratio : 17 : 5 (3,432:1)
- Native Resolution : 1366 x 398 (WXGA)
- Brightness : 450cd/m<sup>2</sup>
- Contrast Ratio : 1000 : 1
- Response Time : 8 ms (G to G)
- Viewing Angle (H x V) : 178 x 178

**Video**

- Recommended Resolution 1360 x 768 (Analog / Digital)
- Pixel Frequency : 140MHz (RGB / DVI)
- Video Input : RGB Analog / Digital
- Color temperature Cool / Warm / Nomal / User



● Dimension





# Specification

## LG Commercial Monitor



Digital Lineup

Why LG

Special Model

Model Feature

Specification

### COMMERCIAL SERIES FLATRON LCD Monitor



Model	M3202C	M3702C
<b>PANEL</b>	<b>Screen Size</b> 32" / 37"	
	<b>Aspect Ratio</b> 16 : 9	
	<b>Native Resolution</b> 1366 x 768 (WXGA)	
	<b>Pixels(H x V x 3)</b> 3,147,264	
	<b>Brightness</b> 500 cd/m <sup>2</sup>	
	<b>Contrast Ratio</b> 3,000 : 1(DCR)	
	<b>Viewing Angle(H x V)</b> 178 x 178	
	<b>Color Depth</b> 16.7 Million	
	<b>Response Time</b> 9 ms (G to G) / 5 ms (G to G)	
	<b>Surface Treatment</b> Hard Coating(3H) Anti-glare	
<b>VIDEO</b>	<b>Max Input Resolution</b> 1600 X 1200 @ 60Hz(RGB)	
	1920 X 1080 @ 60Hz(HDMI/DVI)	
	<b>Recommended Resolution</b> 1360 X 768 @ 60Hz(RGB/HDMI/DVI)	
	<b>H-Scanning Frequency</b> 30 ~ 83kHz (RGB/HDMI/DVI)	
	<b>V-Scanning Frequency</b> 56 ~ 75 Hz(RGB), 60Hz(HDMI/DVI)	
	<b>Pixel Frequency</b> 162 MHz (RGB)	
	148.5 MHz (HDMI / DVI)	
	<b>Sync Compatability</b> Separate / Composite	
	<b>Video Input</b> RGB, HDMI / DVI	
	<b>Picture Mode</b> Vivid / Standard / Cinema / Sports / Game / User1 / User2	
	<b>Color Temperature</b> Warm / Medium / Cool / User	
<b>REAR INPUTS</b>	<b>Component Video</b> 2Hi-Res	
	<b>PC Input via 15-Pin Sub "D"</b> 1 / 1	
	<b>Composite Video Input/Output</b> 1 / 1	
	<b>Audio Output</b> 1	
	<b>Audio Inputs</b> 3 Plus PC Sound	
	<b>HDTV Formats</b> Component : 720p/1080i / HDMI : 720p/1080i/1080p	
	<b>PC Formats</b> Auto Scaling to XGA	
	<b>HDMI/DVI with HDCP</b> Yes	
	<b>RS-232C Input / Output</b> 1 / 1	
	<b>S-Video</b> 1(S-Video has a priority but there is no input mode.)	
	<b>Audio Jack Built-in(No Amp)</b> Yes	
	<b>Discrete IR Input</b> Yes	
<b>AUDIO</b>	<b>Surround MAX</b> Yes	
	<b>Auto Volume</b> Yes	
	<b>Audio Power</b> 20W(10W x 2)	
	<b>Balance</b> Yes	
	<b>Sound Mode</b> Clear Voice / Standard / Music / Cinema / Sports / Game / User	
<b>SPECIAL FEATURES</b>	<b>Advanced Picture In Picture</b> No	
	<b>New Temperature Sensor</b> Yes	
	<b>New Lamp Fault Sensor</b> Yes	
	<b>New Split Zoom(Self Video Wall, Max 5 x 5)</b> Yes, Supports natural mode	
	<b>Image Zoom</b> No	
	<b>Source Selection</b> Digital(HDMI / DVI) / Analog(RGB) / Component1,2 / AV	
	<b>Brightness/Contrast</b> Yes	
	<b>Color</b> Warm / Medium / Cool / User Control(R/G/B)	
	<b>Position</b> H / V	
	<b>Tracking</b> Auto / Clock / Phase	
	<b>Set-up</b> Language(English / French / Spanish / Italian / German / Portugues / Korean / Japanese / Chinese / Russian)	
	<b>ISM Method</b> Normal / White Wash / Orbiter / Inversion / Dot wash	
	<b>XD</b> XD Contrast / XD Color / XD NR / MPEG NR	
	<b>Special</b> Auto Adjust, OSD Lock	
	<b>Auto Power/Source Memory</b> Yes	
	<b>Key Lock</b> Yes	
<b>CABINET</b>	<b>Color</b> Black / Silver	
	<b>Monitor Dimension(W x H x D) / Weight</b> 31.61" X 18.41" X 3.85" / 18.92kg/43lb 36.54" X 22.49" X 4.43" / 21.54kg	
	<b>Monitor with Optional Stand &amp; Speaker Dimensions(W x H x D)</b> 31.61" X 21.26" X 7.58" / 36.54" X 24.45" X 8.96"	
	<b>Carton Dimensions(W x H x D)</b> 98.2X 189 X 660(full package) / 1159X 255 X 766(full package)	
	<b>Packed Weight</b> 39.24 Lbs. / 56.44Lbs.	
	<b>VESA™ Standard Mount Interface (mm)</b> 200 X 200 (RW200) / 600 X 400 (AP-WX60)	
<b>POWER</b>	<b>Power Supply</b> 100-240V~, 50/60Hz	
	<b>Power Type</b> Built-in Power	
	<b>Power Switch Type</b> Tact Switch	
	<b>Power Saving</b> Tact Switch	
	<b>Normal</b> 145 W / 180 W	
	<b>Stand-by/Suspend</b> 1W(RGB) / 4 W(HDMI/DVI)	
<b>STANDARD (CERTIFICATION)</b>	<b>Safety</b> UL / c-UL / CB scheme / TUV / NEMKO	
	<b>EMC</b> FCC Class "B" / VCCI / C-tick / GOST / CE / MIC	

### LARGE SIZE SERIES FLATRON LCD Monitor



Model	M4212C
<b>PANEL</b>	<b>Screen Size</b> 42"
	<b>Aspect Ratio</b> 16 : 9
	<b>Native Resolution</b> 1366 x 768 (WXGA)
	<b>Pixels(H x V x 3)</b> 3,147,264
	<b>Brightness</b> 500 cd/m <sup>2</sup>
	<b>Contrast Ratio</b> 3,000 : 1(DCR)
	<b>Viewing Angle(H x V)</b> 178 x 178
	<b>Color Depth</b> 16.7 Million
	<b>Response Time</b> 9 ms(G to G)
	<b>Surface Treatment</b> Hard Coating(3H) Anti-glare
	<b>MTBF</b> 50,000 Hr., Portrait & Landscape
<b>VIDEO</b>	<b>Max Input Resolution</b> 1600 X 1200 @ 60Hz(RGB) / 1920 X 1080 @ 60Hz(HDMI/DVI)
	<b>Recommended Resolution</b> 1360 X 768 @ 60Hz(RGB/HDMI/DVI)
	<b>H-Scanning Frequency</b> 30 ~ 83kHz (RGB/HDMI/DVI)
	<b>V-Scanning Frequency</b> 56 ~ 75 Hz(RGB), 60Hz(HDMI/DVI)
	<b>Pixel Frequency</b> 162 MHz (RGB), 148.5 MHz (HDMI/DVI)
	<b>Sync Compatability</b> Separate / Composite
	<b>Video Input</b> RGB,HDMI/DVI
	<b>Picture Mode</b> Vivid / Standard / Cinema/ Sports / Game / User1 / User2
	<b>Color Temperature</b> Warm / Medium / Cool / User
<b>REAR INPUTS</b>	<b>Component Video</b> 2 Hi-Res
	<b>PC Input via 15-Pin Sub "D"</b> 1 / 1
	<b>Composite Video Input/Output</b> 1 / 1
	<b>Audio Output</b> 1
	<b>Audio Inputs</b> 3 Plus PC Sound
	<b>HDTV Formats</b> Component : 720p/1080i / HDMI : 720p/1080i/1080p
	<b>PC Formats</b> Auto Scaling to XGA
	<b>HDMI/DVI with HDCP</b> Yes
	<b>RS-232C Input/Output</b> 1 / 1
	<b>S-Video</b> 1(S-Video has a priority but there is no input mode.)
	<b>Audio Jack Built-in(No Amp)</b> Yes
	<b>Discrete IR Input</b> Yes
<b>AUDIO</b>	<b>Surround MAX</b> Yes
	<b>Auto Volume</b> Yes
	<b>Audio Power</b> 20W (10W x 2)
	<b>Balance</b> Yes
	<b>Sound Mode</b> Clear Voice / Standard / Music / Cinema / Sports / Game / User
<b>SPECIAL FEATURES</b>	<b>Advanced Picture In Picture</b> No
	<b>New Temperature Sensor</b> Yes
	<b>New Lamp Fault Sensor</b> Yes
	<b>New Split Zoom(Self Video Wall, Max 5 x 5)</b> Yes, Supports natural mode
	<b>Image Zoom</b> No
	<b>Source Selection</b> Digital(HDMI/DVI) / Analog(RGB) / Component1,2 / AV
	<b>Brightness/Contrast</b> Yes
	<b>Color</b> Warm / Medium / Cool / User Control(R/G/B)
	<b>Position</b> H / V
	<b>Tracking</b> Auto / Clock / Phase
	<b>Set-up</b> Language(English / French / Spanish / Italian / German / Portugues / Korean / Japanese / Chinese / Russian)
	<b>ISM Method</b> Normal / White wash / Orbiter / Inversion / Dot wash
	<b>XD</b> XD Contrast / XD Color / XD NR / MPEG NR
	<b>Special</b> Auto Adjust, OSD Lock
	<b>Auto Power/Source Memory</b> Yes
	<b>Key Lock</b> Yes
<b>CABINET</b>	<b>Color</b> Black / Silver
	<b>Monitor Dimension(W x H x D) / Weight</b> 36.54" x 22.49" x 4.43" / 53.62 Lbs.
	<b>Monitor with Optional Stand &amp; Speaker Dimensions(W x H x D)</b> 44.4" x 26.6" x 11.5"
	<b>Carton Dimensions(W x H x D)</b> 39.2" x 26.6" x 11.5"
	<b>Packed Weight</b> T.B.D
	<b>VESA™ Standard Mount Interface (mm)</b> 600 x 400 (AP-WX60)
<b>POWER</b>	<b>Power Supply</b> 100-240V~, 50/60Hz
	<b>Power Type</b> Built-in Power
	<b>Power Switch Type</b> Tact Switch
	<b>Power Saving</b> Tact Switch
	<b>Normal</b> 220 W
	<b>Stand-by/Suspend</b> 1W(RGB) / 4 W(HDMI/DVI)
	<b>DPM Off</b> 1W(RGB) / 4 W(HDMI/DVI)
<b>STANDARD (CERTIFICATION)</b>	<b>Safety</b> UL / c-UL / CB scheme / TUV / NEMKO
	<b>EMC</b> FCC Class "B" / VCCI / C-tick / GOST / CE / MIC

### LARGE SIZE SERIES FLATRON LCD Monitor



Model	M4224C
<b>PANEL</b>	<b>Screen Size</b> 42"
	<b>Aspect Ratio</b> 16 : 9
	<b>Native Resolution</b> 1920 x 1080 (WUXGA)
	<b>Pixels(H x V x 3)</b> 6,220,800
	<b>Brightness</b> 700 cd/m <sup>2</sup>
	<b>Color Depth</b> 10.6 Million
	<b>Response Time</b> 9 ms(G to G)
	<b>Surface Treatment</b> Hard Coating(3H), Anti-glare
	<b>MTBF</b> 50,000 Hr., Portrait & Landscape
<b>VIDEO</b>	<b>Max Input Resolution</b> 1920 X 1080 @ 60Hz(RGB, HDMI/DVI)
	<b>Recommended Resolution</b> 1920 X 1080 @ 60Hz(RGB, HDMI/DVI)
	<b>H-Scanning Frequency</b> 30 ~ 83 kHz(RGB, HDMI/DVI)
	<b>V-Scanning Frequency</b> 56 ~ 75 Hz(RGB) 60Hz(HDMI/DVI)
	<b>Pixel Frequency</b> 148.5 MHz (RGB), 148.5 MHz (HDMI/DVI)
	<b>Video Input</b> RGB, HDMI/DVI
	<b>Picture Mode</b> Vivid / Standard / Cinema/ Sports / Game / User1 / User2
	<b>Color Temperature</b> Warm / Medium / Cool / User
<b>REAR INPUTS</b>	<b>Component Video</b> 1 Hi-Res
	<b>PC Input via 15-Pin Sub "D"</b> 1 / 1
	<b>Composite Video Input/Output</b> 1 / 1
	<b>Audio Output</b> 1
	<b>Audio Inputs</b> 2 Plus PC Sound
	<b>HDTV Formats</b> Component : 720p/1080i/1080p / HDMI : 720p/1080i/1080p
	<b>PC Formats</b> Auto Scaling to WUXGA
	<b>HDMI/DVI with HDCP</b> Yes
	<b>RS-232C Input/Output</b> 1 / 1
	<b>RJ-45</b> Yes
	<b>S-Video</b> 1(S-Video has a priority but there is no input mode)
	<b>Audio Jack Built-in(No Amp)</b> Yes
	<b>Discrete IR Input</b> Yes
	<b>External_Speaker Out</b> Yes
<b>AUDIO</b>	<b>Auto Volume</b> Yes
	<b>Audio Power</b> 20W (10W x 2)
	<b>Balance</b> Yes
	<b>Speaker On/Off</b> Yes
	<b>Sound Mode</b> Clear Voice / Standard / Music / Cinema / Sports / Game / User
<b>SPECIAL FEATURES</b>	<b>Advanced Picture In Picture</b> No
	<b>New Temperature Sensor</b> Yes
	<b>New Split Zoom(Self Video Wall, Max 5 x 5)</b> Yes, Supports natural mode
	<b>Image Zoom</b> No
	<b>Source Selection</b> Digital(HDMI/DVI) / Analog(RGB) / Component / AV
	<b>Brightness/Contrast</b> Yes
	<b>Color</b> Warm / Medium / Cool / User Control(RGB)
	<b>Position</b> H / V
	<b>Tracking</b> Auto / Clock / Phase
	<b>Set-up</b> Language (English / French / Spanish / Italian / German / Portugues / Korean / Japanese / Chinese / Russian) / Gamma / Film mode / Black level / Noise Reduction
	<b>Advanced</b> Clock / On/Off timer / Auto sleep / Power on Delay
	<b>Time</b> Mute/Sleep Timer/Key Lock/DPM Select
	<b>Mute/Sleep Timer/Key Lock/DPM Select</b> Yes
<b>CABINET</b>	<b>Color</b> Black / Silver
	<b>Monitor Dimension(W x H x D) / Weight</b> 38.07" x 22.04" x 4.87" / 53.62 Lbs.
	<b>Monitor with Optional Stand &amp; Speaker Dimensions(W x H x D)</b> 44.4" x 26.6" x 11.5"
	<b>Carton Dimensions(W x H x D)</b> 42.09" x 25.9" x 7.0"(full package)
	<b>Packed Weight</b> T.B.D
	<b>VESA™ Standard Mount Interface (mm)</b> 600 x 400 (AP-WX60)
<b>POWER</b>	<b>Power Supply</b> 100-240V~, 50/60Hz
	<b>Power Type</b> Built-in Power
	<b>Power Switch Type</b> Tact Switch
	<b>Power Saving</b> Tact Switch
	<b>Normal</b> 220 W
	<b>Stand-by/Suspend</b> T.B.D
	<b>DPM Off</b> T.B.D
<b>STANDARD (CERTIFICATION)</b>	<b>Safety</b> UL / c-UL / CB scheme / TUV / NEMKO
	<b>EMC</b> FCC Class "B" / VCCI / C-tick / CE / MIC

### LARGE SIZE SERIES FLATRON LCD Monitor



Model	M4212N
<b>PANEL</b>	<b>Screen Size</b> 42"
	<b>Aspect Ratio</b> 16 : 9
	<b>Native Resolution</b> 1366 x 768 (WXGA)
	<b>Pixels(H x V x 3)</b> 3,147,264
	<b>Brightness</b> 500 cd/m <sup>2</sup>
	<b>Color Depth</b> 16.7 Million
	<b>Response Time</b> 9 ms(G to G)
	<b>Surface Treatment</b> Hard Coating(3H) Anti-glare
	<b>MTBF</b> 50,000 Hr. (Minimum), Portrait & Landscape
<b>VIDEO</b>	<b>Max Input Resolution</b> 1280 X 1024 @ 60Hz(Analog / Digital)
	1360 X 768 @ 60Hz(Digital-)
	<b>Recommended Resolution</b> 1360X 768 @ 60Hz(Analog / Digital)
	<b>H-Scanning Frequency</b> 30 ~ 83 kHz(Digital/30~72KHz)
	<b>V-Scanning Frequency</b> 56 ~ 75 Hz
	<b>Pixel Frequency</b> 108 MHz (D-Sub)
	<b>Video Input</b> RGB Analog / Digital
	<b>CSM</b> 6500K / 9300K / User
<b>REAR INPUTS</b>	<b>Component Video</b> No
	<b>PC Input via 15-Pin Sub "D"</b> 1 / 1
	<b>Composite Video Input/Output</b> No
	<b>Audio Output</b> 1
	<b>Audio Inputs</b> PC to Board(internal/Head Phone)
	<b>HDTV Formats</b> No
	<b>PC Formats</b> WXGA
	<b>HDMI/DVI with HDCP</b> DVI(only), Without HDCP
	<b>RS-232C Input/Output</b> 1 / 1
	<b>S-Video</b> No
	<b>Audio Jack Built-in(No Amp)</b> Yes
	<b>Discrete IR Input</b> Yes
	<b>External_Speaker Out</b> Yes
<b>AUDIO</b>	<b>Auto Volume Limiter</b> Yes
	<b>Audio Power</b> 20W (10W x 2)
	<b>Balance</b> Yes
	<b>Sound Mode</b> Flat / Music / Movie / Sports / User
<b>CONTROLLER SPEC</b>	<b>CPU / Memory / HDD(PC)</b> Inter Celeron575(2.0G) / DDR #800MHz 1GB / S-ATA 2.5" 160GB
	<b>Main Chipset</b> Intel GM45, ICH7-M Base
	<b>Ethernet</b> 10 / 100 MB / 1Gbit
	<b>Interface</b> RGB-Out, Audio Line Out, SPDIF, USB 2.0 x 4, RJ45, RS-232C x 1
<b>SPECIAL FEATURES</b>	<b>Advanced Picture In Picture</b> No
	<b>New Temperature Sensor</b> No
	<b>New Lamp Fault Sensor</b> No
	<b>New Split Zoom(Self Video Wall, Max 4 x 4)</b> Yes
	<b>Image Zoom</b> No
	<b>Source Selection</b> Analog(RGB) / DVI
	<b>Brightness/Contrast</b> Yes
	<b>Color</b> 6500K / 9300K, User Control(R/G/B)
	<b>Position</b> H / V
	<b>Tracking</b> Auto / Clock / Phase
	<b>Set-up</b> Language (English / French / Spanish / Italian / German / Portugues / Korean / Japanese / French / Chinese / Russian) / Gamma / Film mode / Black level / Noise Reduction
	<b>Special</b> PC Control, OSD Lock
	<b>Mute / Child Lock</b> Yes
<b>CABINET</b>	<b>Color</b> Black / Silver
	<b>Monitor Dimension(W x H x D) / Weight</b> 39.2" x 23.1" x 4.5" / 53.62 Lbs.
	<b>Monitor with Optional Stand &amp; Speaker Dimensions(W x H x D)</b> 44.4" x 26.6" x 11.5"
	<b>Carton Dimensions(W x H x D)</b> 44.4" x 26.6" x 11.5" / 42.0" x 29.8" x 14.5"
	<b>Packed Weight</b> 67.33 Lbs. (with Stand, Speaker)
	<b>VESA™ Standard Mount Interface (mm)</b> 600 x 400 (AP-WX60)
<b>POWER</b>	<b>Power Supply</b> 100-240V~, 50/60Hz
	<b>Power Type</b> Built-in Power
	<b>Power Switch Type</b> Tact Switch
	<b>Power Saving</b> Tact Switch
	<b>Normal</b> 270 W(T.B.D)
	<b>Stand-by/Suspend</b> 15W(RGB) / 50W(with PC)
	<b>DPM Off</b> 15W(RGB) / 50W(with PC)
<b>STANDARD (CERTIFICATION)</b>	<b>Safety</b> UL / c-UL / CB scheme / TUV / NEMKO
	<b>EMC</b> FCC Class "B" / VCCI / C-tick / GOST / CE / MIC

※ The specification could be changed without prior notice.

※ The specification could be changed without prior notice.

# Specification

LG Commercial Monitor  
LCD

Digital Lineup

Why LG

Special Model

Model Feature

Specification

## LARGE SIZE SERIES FLATRON 3D Monitor



Model	M4210D		
<b>PANEL</b>	Screen Size	42"	
	Aspect Ratio	16 : 9	
	Native Resolution	1920 x 1080 (Full HD)	
	Pixels(H x V x 3)	6,220,800	
	Brightness	350 cd/m <sup>2</sup>	
	Color Depth	16.7 Million	
	Response Time	8 ms(G to G)	
	Surface Treatment	Hard Coating(3H) Anti-glare	
	MTBF	50,000 Hr. (Minimum), Portrait & Landscape	
	<b>VIDEO</b>	Max Input Resolution	1920 X 1080 @ 60Hz(Analog / Digital) 1920 X 1080 @ 60Hz(Digital-)
Recommended Resolution		1920 X 1080 @ 60Hz(Analog / Digital)	
H-Scanning Frequency		30 ~ 88 kHz	
V-Scanning Frequency		56 ~ 60 Hz	
Pixel Frequency		108 MHz (D-Sub)	
Video Input		RGB Analog / Digital	
CSM		6500K / 9300K / User	
<b>REAR INPUTS</b>		Component Video	No
		PC Input via 15-Pin Sub "D"	1 / 1
		Composite Video Input/Output	No
	Audio Output	1	
	Audio Inputs	PC to Board(Internal/Head Phone)	
	HDTV Formats	No	
	PC Formats	WXGA	
	HDMI/DVI with HDCP	DVI(only), Without HDCP	
	RS-232C Input/Output	1 / 1	
	S-Video	No	
<b>AUDIO</b>	Audio Jack Built-in(No Amp)	Yes	
	Discrete IR Input	Yes	
	External Speaker Out	Yes	
	Auto Volume Limiter	Yes	
	Audio Power	20W (10W x 2)	
	Balance	Yes	
	Sound Mode	Flat / Music / Movie / Sports / User	
	<b>CONTROLLER SPEC</b>	CPU / Memory / HDD(PC)	Celeron M 430(1.86G) / DDR II 667 512MB / 80GB
		Main Chipset	Intel 82945PM, ICH7-M Base
		Ethernet	10 / 100 MB / 1Gbit
Interface		RGB-Out, Audio Line Out, SPDIF, USB 2.0 x 4, RJ45, RS-232C x 2	
<b>SPECIAL FEATURES</b>		Advanced Picture In Picture	No
		New Temperature Sensor	No
		New Lamp Fault Sensor	No
		New Split Zoom (Self Video Wall, Max 4 x 4)	Yes
		Image Zoom	No
		Source Selection	Analog(RGB) / DVI
	Brightness/Contrast	Yes	
	Color	6500K / 9300K, User Control(R/G/B)	
	Position	H / V	
	Tracking	Auto / Clock / Phase	
<b>CABINET</b>	Color	Black / Silver	
	Monitor Dimension(W x H x D)	39.2" x 23.1" x 4.7"	
	Weight	71.88 Lbs.	
	Monitor with Optional Stand	39.2" x 26.6" x 11.5"	
	& Speaker Dimensions(W x H x D)		
	Carton Dimensions(W x H x D)	42.0" x 29.8" x 14.5"	
	Packed Weight	84.88 Lbs. (with Stand)	
	VESA™ Standard Mount Interface (mm)	600 x 400 (AP-WX60)	
	<b>POWER</b>	Power Supply	100-240V~, 50/60Hz
		Power Type	Built-in Power
Power Switch Type		Tact Switch	
Power Saving			
Normal		270 W	
Stand-by/Suspend		15W(RGB) / 50W(with PC)	
DPM Off		15W(RGB) / 50W(with PC)	
<b>STANDARD (CERTIFICATION)</b>		Safety	UL / c-UL / CB scheme / TUV / NEMKO
		EMC	FCC Class 'B' / VCCI / C-tick / GOST / CE / MIC

## LARGE SIZE SERIES FLATRON LCD Monitor



Model	M4712C	M4714C		
<b>PANEL</b>	Screen Size	47"		
	Aspect Ratio	16 : 9		
	Native Resolution	1366 x 768 (WXGA)	1920 x 1080 (WUXGA)	
	Pixels(H x V x 3)		3,147,264	
	Brightness		500 cd/m <sup>2</sup>	
	Contrast Ratio		3,000 : 1(DCR)	
	Viewing Angle(H x V)		178 x 178	
	Color Depth	16.7 Million	10.6 Million	
	Response Time	8 ms(G to G)	9 ms(G to G)	
	Surface Treatment	Hard Coating(3H) Anti-glare		
<b>VIDEO</b>	Max Input Resolution	1600 X 1200 @ 60Hz(RGB)	1920 X 1080 @ 60Hz(RGB,HDMI/DVI)	
	Recommended Resolution	1360 X 768 @ 60Hz(RGB,HDMI/DVI)	1920 X 1080 @ 60Hz(RGB,HDMI/DVI)	
	H-Scanning Frequency		30 ~ 83kHz (RGB,HDMI/DVI)	
	V-Scanning Frequency		56 ~ 75 Hz(RGB), 60Hz (HDMI/DVI)	
	Pixel Frequency	162 MHz (RGB) / 148.5 MHz (HDMI/DVI)	148.5 MHz (RGB,HDMI/DVI)	
	Sync Compatibility	Separate / Composite		
	Video Input	RGB,HDMI/DVI		
	Picture Mode	Vivid / Standard / Cinema / Sports / Game / User1 / User2		
	Color Temperature	Warm / Normal / Cool / User		
	<b>REAR INPUTS</b>	Component Video	2 Hi-Res	
PC Input via 15-Pin Sub "D"		1 / 1		
Composite Video Input/Output		1 / 1		
Audio Output		1		
Audio Inputs		3 Plus PC Sound		
HDTV Formats		Component : 720p/1080i   Component : 720p / 1080i / 1080p		
PC Formats		Auto Scaling to XGA		
HDMI/DVI with HDCP		Yes		
RS-232C Input/Output		1 / 1		
S-Video		1(S-Video has a priority but there is no input mode.)		
<b>AUDIO</b>	Audio Jack Built-in(No Amp)	Yes		
	Discrete IR Input	Yes		
	Surround MAX	Yes		
	Auto Volume	Yes		
	Audio Power	20W (10W x 2)		
	Balance	Yes		
	Sound Mode	Clear Voice / Standard / Cinema / Sports / Game / User		
	<b>SPECIAL FEATURES</b>	Advanced Picture In Picture	No	
		New Temperature Sensor	Yes	
		New Lamp Fault Sensor	Yes	
New Split Zoom (Self Video Wall, Max 5 x 5)		Yes, supports natural mode		
Image Zoom		No		
Source Selection		Digital(HDMI/DVI) / Analog(RGB) / Component 1.2 / AV		
Brightness/Contrast		Yes		
Color		Warm / Medium / Cool / User Control(R/G/B)		
Position		H / V		
Tracking		Auto / Clock / Phase		
<b>CABINET</b>	Color	Black		
	Monitor Dimension(W x H x D)	43.98" x 26.02" x 4.67"		
	Weight	63.5 Lbs.		
	Monitor with Optional Stand	43.98" x 29.74" x 12.57"		
	& Speaker Dimensions(W x H x D)			
	Carton Dimensions(W x H x D)	1406X300X810(full package)		
	Packed Weight	TBD		
	VESA™ Standard Mount Interface (mm)	800 x 400 (AP-WX60)		
	<b>POWER</b>	Power Supply	100-240V~, 50/60Hz	
		Power Type	Built-in Power	
Power Switch Type		Tact Switch		
Power Saving				
Normal		300 W		
Stand-by/Suspend		1W(RGB) / 4 W(HDMI/DVI)		
DPM Off		1W(RGB) / 4 W(HDMI/DVI)		
<b>STANDARD (CERTIFICATION)</b>		Safety	UL / c-UL / CB scheme / TUV / NEMKO	
		EMC	FCC Class 'B' / VCCI / C-tick / GOST / CE / MIC	

## LARGE SIZE SERIES FLATRON LCD Monitor



Model	M5201C		
<b>PANEL</b>	Screen Size	52"	
	Aspect Ratio	16 : 9	
	Native Resolution	1920 x 1080 (WUXGA)	
	Pixels(H x V x 3)	6,220,800	
	Brightness	500 cd/m <sup>2</sup>	
	Contrast Ratio	800: 1	
	Viewing Angle(H x V)	178 x 178	
	Color Depth	1 Billion Colors	
	Response Time	9 ms(G to G)	
	Surface Treatment	Hard Coating(3H) Anti-glare	
<b>VIDEO</b>	Max Input Resolution	1920 X 1080 @ 60Hz (D-Sub) 1920 X 1080 @ 60Hz (DVI-D)	
	H-Scanning Frequency	30 ~ 83 kHz (D-Sub) 30 ~ 83 kHz (DVI-D)	
	V-Scanning Frequency	56 ~ 85 Hz	
	Pixel Frequency	Max. 148.5 MHz	
	Sync Compatibility	Separate / Composite	
	Video Input	RGB Analog / Digital	
	EZ Video	Dynamic / Standard / Mild / User1 / User2	
	<b>REAR INPUTS</b>	Component Video	2 (480i/p, 720p, 1080i)
		PC Input via 15-Pin Sub "D"	1
		Composite Video Input/Output	1 / 1
Audio Inputs		3 Plus PC Sound	
HDTV Formats		720p / 1080i	
PC Formats		Auto Scaling to WUXGA	
HDMI/DVI with HDCP		Yes	
RS-232C Input/Output		1 / 1	
S-Video		1	
Discrete IR Input		Yes	
<b>AUDIO</b>	Surround MAX	Yes	
	Auto Volume Limiter	Yes	
	Audio Power	20W (10W x 2)	
	Balance	Yes	
	Sound Mode	Flat / Music / Movie / Sports / User	
	<b>SPECIAL FEATURES</b>	Advanced Picture In Picture	No
		New Temperature Sensor	Yes
		New Lamp Fault Sensor	Yes
		New Split Zoom (Self Video Wall, Max 5 x 5)	Yes, supports natural mode
		Image Zoom	No
Source Selection		Digital(HDMI/DVI) / Analog(RGB) / Component / AV	
Brightness/Contrast		Yes	
Color		Normal / Cool / Warm / User Control(R/G/B)	
Position		H / V	
Tracking		Auto / Clock / Phase	
<b>CABINET</b>	Color	Black	
	Monitor Dimension(W x H x D)	50.52" x 30.17" x 4.62"	
	Weight	114.64 Lbs.	
	Monitor with Optional Stand		
	& Speaker Dimensions(W x H x D)	N/A : No Speaker	
	Carton Dimensions(W x H x D)	TBD	
	Packed Weight	TBD	
	VESA™ Standard Mount Interface (mm)	800 x 400 (AP-WX60)	
	<b>POWER</b>	Power Supply	90-264V / AC(47-63Hz)
		Power Type	Built-in Power
Power Switch Type		Tact Switch	
Power Saving			
Normal		400W	
Stand-by/Suspend		2W(RGB) / 4 W(HDMI/DVI)	
DPM Off		2W(RGB) / 4 W(HDMI/DVI)	
<b>STANDARD (CERTIFICATION)</b>		Safety	UL / c-UL / CB scheme / TUV / NEMKO
		EMC	FCC Class 'B' / VCCI / C-tick / GOST / CE / MIC

## LARGE SIZE SERIES FLATRON LCD Monitor



Model	M2900S	M3800S		
<b>PANEL</b>	Screen Size	29"	38"	
	Aspect Ratio	17 : 6	17 : 5 (3.432 : 1)	
	Native Resolution	1366x 480 (WXGA)	1366x 398 (WXGA)	
	Pixels(H x V x 3)	1,967,040	1,631,004	
	Brightness		450 cd/m <sup>2</sup>	
	Contrast Ratio		1000: 1	
	Viewing Angle(H x V)		178 x 178	
	Color Depth		16.7 Million	
	Response Time		8 ms(G to G)	
	Surface Treatment	Hard Coating(3H) Anti-glare		
<b>VIDEO</b>	Max Input Resolution	1280 X 1024 @ 60Hz (Analog)	1280 X 1024 @ 60Hz (Digital)	
	Recommended Resolution	1360 x 768 @ 60Hz (Analog / Digital)		
	H-Scanning Frequency	28 ~ 70 kHz		
	V-Scanning Frequency	57 ~ 63kHz		
	Pixel Frequency	140MHz (RGB / DVI)		
	Sync Compatibility	Separate		
	Video Input	RGB Analog / Digital		
	Picture mode	No		
	Color Temperature	Cool / Warm / Normal / User		
	<b>REAR INPUTS</b>	PC Input via 15-Pin Sub "D"	1 / 1	
Composite Video Input/Output		No		
Audio Outputs		No		
Audio Inputs		No		
HDTV Formats		No		
PC Formats		Auto Scaling to XGA		
HDMI/DVI with HDCP		No		
RS-232C Input/Output		Input only		
S-Video		No		
Discrete IR Input		Yes		
<b>AUDIO</b>	External Speaker out	No		
	Auto Volume	No		
	Balance	No		
	Audio Power	No		
	Speaker On / off	No		
	Sound mode	No		
	<b>SPECIAL FEATURES</b>	Advanced Picture In Picture	No	
		New Temperature Sensor	No	
		Cooling Fan	No	
		New Split Zoom (Self Video Wall, Max 5 x 5)	No	
Image Zoom		No		
Source Selection		Digital(DVI) / Analog(RGB)		
Brightness/Contrast		Yes		
Color		Normal / Cool / Warm / User Control(R/G/B)		
Position		H / V		
Tracking		Auto / Clock / Phase		
<b>CABINET</b>	Color	Black		
	Monitor Dimension(W x H x D)	30.1" x 12.1" x 3.8	38.9" x 13" x 3.6"	
	Weight	28.7lb	35.3 lb	
	Monitor with Optional Stand	N/A		
	& Speaker Dimensions(W x H x D)			
	Carton Dimensions(W x H x D)	33.9" x 17.4" x 7.5"	42.6" x 18.3" x 7.5"	
	Packed Weight	35.3lb	41.9lb	
	VESA™ Standard Mount Interface (mm)			
	<b>POWER</b>	Power Supply	100-240V~, 50 / 60Hz	
		Power Type	Built-in Power	
Power Switch Type		Tact Switch		
Power Saving				
Normal		65 W		
Stand-by/Suspend		2W (RGB) / 2W (DVI)		
DPM Off		2W (RGB) / 2W (DVI)		
<b>STANDARD (CERTIFICATION)</b>		Safety	TBD	
		EMC	TBD	

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