IPS Edge LED
Full HD Capable Monitor
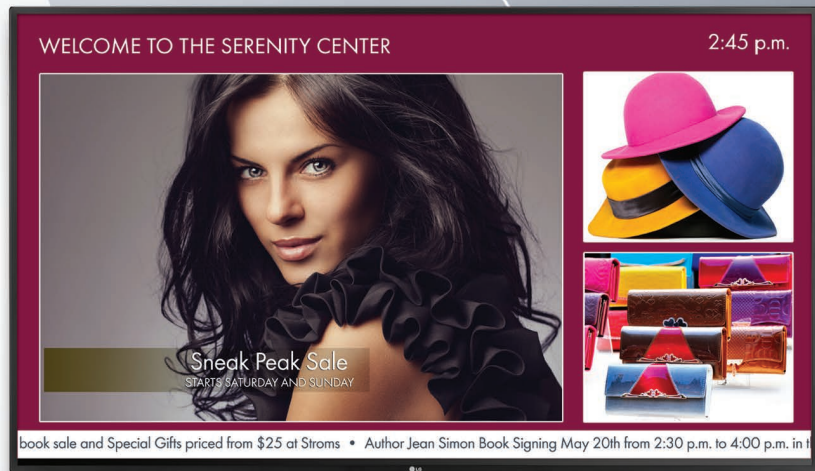
▶ **55WS50BS-B**

55" class (54.6" measured diagonally)

▶ **47WS50BS-B**

47" class (46.9" measured diagonally)

▶ **42WS50BS-B**

42" class (42.0" measured diagonally)

WELCOME TO THE SERENITY CENTER   2:45 p.m.

Sneak Peak Sale
STARTS SATURDAY AND SUNDAY

book sale and Special Gifts priced from $25 at Stroms • Author Jean Simon Book Signing May 20th from 2:30 p.m. to 4:00 p.m. in t

Features

TCO Total Cost of Ownership

The WS50BS series are Energy Star® 5.1 compliant consuming approximately 40% less energy than non-compliant models. In standby mode, they use less than one watt of power and meet the environmental regulations such as EPA and Erp, while excluding the use of harmful materials (RoHS) and reducing CO2 emissions.

IPS In Plane Switching

IPS accurately display an image's quality and color at an 178° ultra wide viewing angle. There is no fall-off in color accuracy and no diversion in contrast ratio at wide angles. From bright sunlight to the most challenging lighting environments these displays are designed to maintain optimal color temperature for lifelike images.

BEZEL WIDTH

The WS50BS series with ultra slim bezel widths of 11.5mm equal on all sides will draw attention to screen images and not the display for impactful messaging. With the ability for a 15x15 matrix the image will almost seamlessly broadcast larger than life images.

Specifications

Native Display Resolution 1,920 x 1,080 (FHD)

High Brightness   450 cd/m²

Contrast Ratio   1,300:1 (Typ.), 500,000:1 (DCR)

178°/178° Ultra Wide Viewing Angle viewing angle and life expectancy enhanced in portrait and landscape mode

RJ-45 LAN Control

Display Port, HDMI and DVI Connection

RS-232C Control

Convenient External Speaker-Out

Energy Star® 5.1 compliant

Split Zoom (Self Video Wall) Up to 15 x 15 matrix - Adjusts for bezel width

Bezel Width 11.5mm

USB Playback

USB Port

Temperature Sensor

PIP/PBP

3-Year Limited Warranty Parts/Labor/Backlight

LG
Life's Good

LGsolutions.com

IPS Advantage
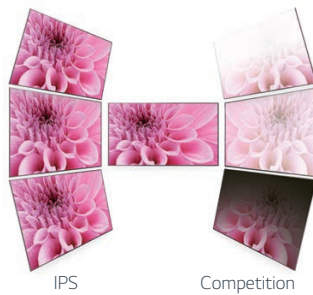
NO BLACKENING DEFECT
Display has a built-in temperature control that adjusts to light and heat eliminating dark or blackened areas.

IPS   Competition

If the outdoor temperature is 86°F
the surface temperature of display is 185°F
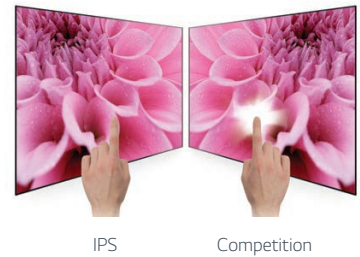
TRUE WIDE VIEWING
Color shifts and distortion are eliminated from any viewing angle.

IPS   Competition

Color change average @ 60°
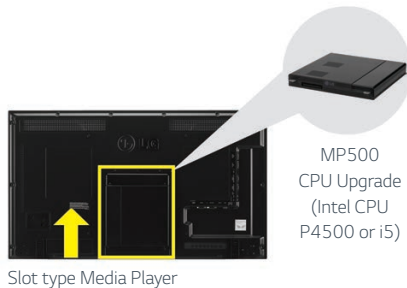Gamma change average @ 60°

PANEL STABILITY
Minimized image distortion and shows no tailing when external pressure is applied.

IPS   Competition

Easy Installation & Maintenance

The MP500, external Media Player, has a slim profile and will help your signage look professional while providing easy accessibility for maintenance.

MP500
CPU Upgrade
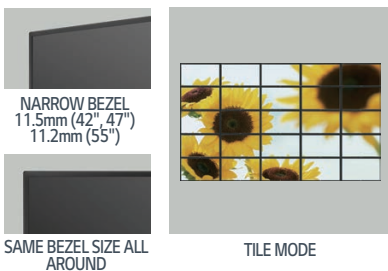(Intel CPU
P4500 or i5)

Slot type Media Player

High Picture Quality & Brightness

Clear and vivid picture quality with the deepest black. Consumes approximately 40% less energy the LCD (CCFL) models.

Narrow & Equal Bezel On All Sides

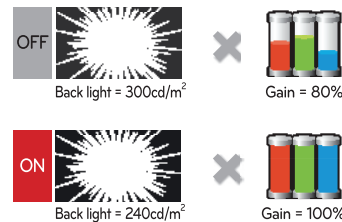The slim bezel creates a powerful and impactful video wall that can easily be installed, maintained and managed.

NARROW BEZEL
11.5mm (42", 47")
11.2mm (55")

SAME BEZEL SIZE ALL AROUND

TILE MODE

Smart Energy Saving

Reduce energy consumption by approximately 30%

OFF   Back light = 300cd/m^2 ✕   Gain = 80%

ON   Back light = 240cd/m^2 ✕   Gain = 100%
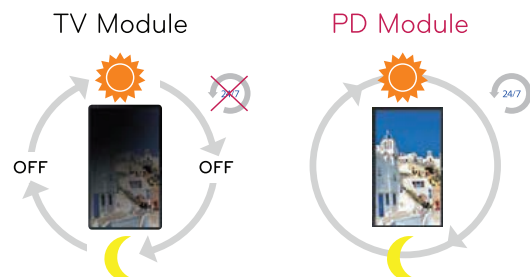

Easy & Fast Delivery of Content

USB multi-media playback

IN

24/7 Operation

The high durability of LG's PD Module allows operation 24 hours a day. It is highly effective and provides continuous performance.
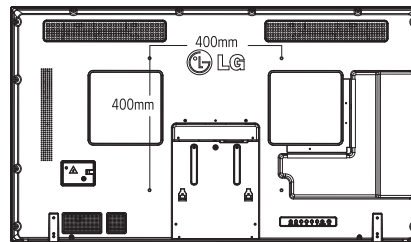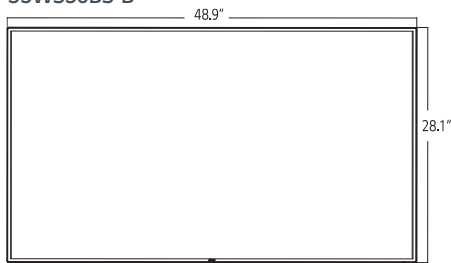
TV Module   PD Module
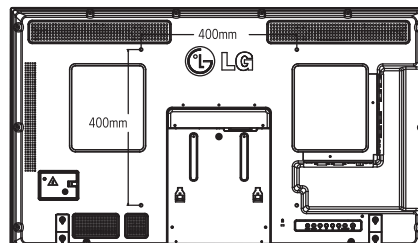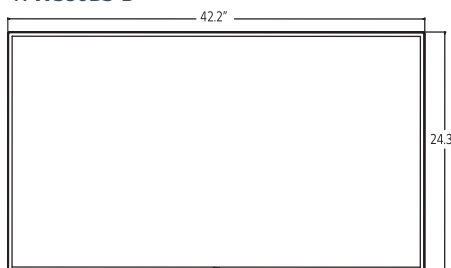
OFF   OFF   24/7

EcoSmart

- **Intelligent Sensor** - Continually monitors room light conditions to automatically optimize the picture quality for a more enjoyable viewing experience, which can help save energy.
- **Dynamic Power Savings** - Using built-in algorithms, TV will automatically reduce the power consumption based on incoming video, while maximizing picture performance.
- **Static Power Savings** - Picture brightness level can be set at the preferred power consumption level to reduce power and increase energy savings.

- **CEC Compliant** - Meets the Appliance Efficiency Regulations of the California Energy Commission.

- **RoHS Compliant** - Meets directive on restriction of hazardous substances.

- **Energy Star 5.1 Qualified** - Meets current reduction requirements of energy consumption.

55WS50BS-B

48.9"
28.1"
1.3"
400mm
400mm
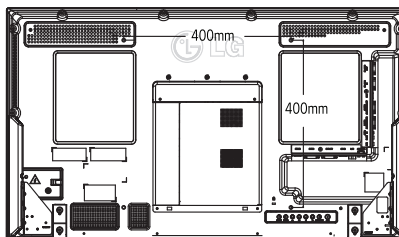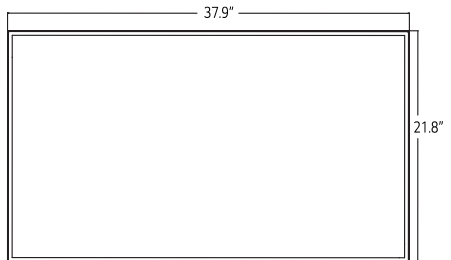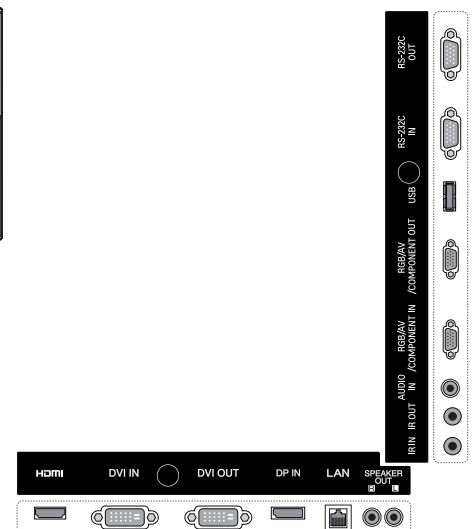
47WS50BS-B

42.2"
24.3"
1.2"
400mm
400mm

42WS50BS-B

37.9"
21.8"
1.3"
400mm
400mm

Rear Jack Panel

RS-232C OUT
RS-232C IN
USB
RGB/AV /COMPONENT OUT
AUDIO RGB/AV /COMPONENT IN
IR IN IR OUT

HDMI | DVI IN | DVI OUT | DP IN | LAN | SPEAKER OUT

IPS Edge LED
Full HD Capable Monitor

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DIGISIGN

PANEL	Model	55WS50BS-B	47WS50BS-B	42WS50BS-B
	Panel Size (measured diagonally)	55" class (54.6")	47" class (46.9")	42" class (42.0")
	Panel Technology	IPS (LED BLU)		
	Aspect Ratio	16 : 9		
	Native Resolution	1,920 x 1,080 (FHD)		
	Brightness	450 cd/m²		
	Contrast Ratio (Typ.)	1,300:1		
	Dynamic CR (DCR)	500,000 : 1		
	Viewing Angle	178°/178°		
	Response Time	10ms (G to G)	12ms (G to G)	
	Life time	60,000 Hrs		
	Orientation	Portrait and Landscape		
INPUT (Rear)	Digital	HDMI(1), DVI-D(1), Display Port(1) with HDCP for all input		
	Analog	Component(1), Composite(1), RGB(1) (Shared with D-Sub)		
	Audio	RGB/DVI-D/AV/Component(3.5Φ 1)		
	External Control	RS232C(1), RJ45(1), IR(1)		
	HDTV Formats	Component: 720p, 1080i , 1080p HDMI: 720p, 1080i, 1080p		
	USB	USB(1)		
OUTPUT (Rear)	Digital	DVI-D(1)		
	Analog	Component(1), Composite(1), RGB(1) (Shared with D-Sub)		
	Audio	External speaker		
	External Control	RS232C (1), IR (1)		
AUDIO	Balance	Yes		
	Audio Power	20W (10W x 2)		
	Speaker on/off	Yes		
	Clear Voice II	Yes		
	Sound Mode	Standard, Music, Cinema, Sports, Game		
CABINET	Bezel Width	11.2mm	11.5mm	
	Monitor Dimensions (Head only)	48.9" x 28.1" x 1.3"	42.2" x 24.3" x 1.2"	37.9" x 21.8" x 1.3"
	Monitor Weight	51.8 lbs.	34.6 lbs.	30.2 lbs.
	Monitor with Optional Stand Dimensions	48.9" x 31.1" x 11.7"	42.2" x 27.2" x 11.7"	37.9" x 24.8" x 11.7"
	Weight (Head+Stand)	54.9 lbs.	37.5lbs.	33.1 lbs.
	Monitor with Optional Stand & Speaker Dimensions	48.9" x 31.1" x 11.7"	42.2" x 27.2" x 11.7"	37.9" x 24.8" x 11.7"
	Weight (Head+Stand+Speaker)	56.7 lbs.	39.5 lbs.	35.1 lbs.
	Carton Dimensions	52.1" x 33.8" x 6.3"	47.1" x 30.3" x 5.5"	42.7" x 29.1" x 4.9"
	Packed Weight	62.8 lbs.	42.8 lbs.	37.9 lbs.
	VESA™ Standard Mount Interface	400mm x 400mm		

SPECIAL FEATURES	Model	55WS50BS-B	47WS50BS-B	42WS50BS-B
	Temperature Sensor			
	Tile mode (Up to 15x15)			
	Source Selection: AV, Component, RGB, Display Port, DVI-D, HDMI, SuperSign (Option)			
	Brightness/Contrast/Backlight			
	Position/Size			
	Auto Config/Phase			
	Input Label (PC/DTV)			
	Time: Clock, On/Off Time, Sleep Timer, Power on Delay, Auto Off, Automatic Standby			
	Auto Power/Source Memory			
	Key Lock			
	DPM Select			
	Smart Energy Saving (Minimum, Medium, Maxium)			
	File Play with USB			
	ISM Method			
	PIP/PBP			
	Key Lock			
ENVIRONMENT CONDITIONS	Operation Temp.	0°C ~ 40°C		
	Operation Humidity	10% ~ 80%		
POWER	Power Supply	100 -240V~, 50/60Hz		
	Power Consumption	Normal (Typical) 130W	Normal (Typical) 120W	Normal (Typical) 115W
		Smart Energy Saving on 90W	Smart Energy Saving on 85W	Smart Energy Saving on 75W
		DPM 0.7W (set only)	DPM 1W (set only)	DPMS Off 2W (with external device)
		Power Off 0.5W		
STANDARD CERTIFICATION	Safety	UL / cUL / CB scheme / TUV		
	EMC	FCC Class "A" / VCCI / C-tick / CE / KCC		
	Erp/Energy Star	Yes / Yes (EPA 5.1)		
MEDIA PLAYER	Slot PC compatible (optional MP500)			
SOFTWARE	SuperSign Elite-W / Elite-W lite/Editing, Scheduling, Distribution & Play, Control			
WARRANTY	3-Year Limited Warranty (Parts/Labor/Backlight)			
UPC		7 19192 19229 4	7 19192 19193 8	7 19192 19186 0
ACCESSORIES	Remote Controller, Power Cable, RGB Cable, Manual, ESG, IR Receiver			
OPTIONAL ACCESSORIES	SP-2000 (Speaker)			
	ST-200T (Stand)			
	MP500 (Media Player)			

IPS — ADVANCED LED PANEL · LED · NARROW BEZEL 20mm · EXCLUSIVE PUBLIC DISPLAY 24/7 · FULL HD 1080P · USB PLAY BACK · ENERGY STAR

All screen images are simulated. Dimensions and weights are approximate. Design, specifications, and features subject to change without notice.

SPEC_42_47_55WS50BS_B_071329_PR

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