

55" CLASS (54.6" MEASURED DIAGONALLY)

55WS10

47" CLASS (46.9" MEASURED DIAGONALLY)

47WS10

42" CLASS (42.0" MEASURED DIAGONALLY)

42WS10



Edge LED Full HD Capable Monitor



NATIVE DISPLAY RESOLUTION
1920 x 1080 (FHD)

HIGH BRIGHTNESS
450 cd/m²

CONTRAST RATIO
1,300:1 (Typ.), 50,000:1 (DCR)

178° VIEWING ANGLE

VIEWING ANGLE and LIFE EXPECTANCY
Portrait and Landscape Mode

RGB, DVI, HDMI AND DP

RJ-45 LAN CONTROL

RS-232C CONTROL

CONVENIENT EXTERNAL SPEAKER-OUT

ENERGY STAR 5.1 COMPLIANT

SMART ENERGY SAVING

SPLIT ZOOM (self video wall)
Up to 5 x 5 matrix - adjusts for bezel width

BEZEL WIDTH
33.5mm (55" class)
28.0mm (47" class)
27.6mm (42" class)

AUTO BRIGHTNESS SENSOR

TEMPERATURE SENSOR

PIP/PBP

USB PLAYBACK

OPTIONAL HIDDEN SPEAKERS (SP-2000) &
OPTIONAL STAND (ST-200T)

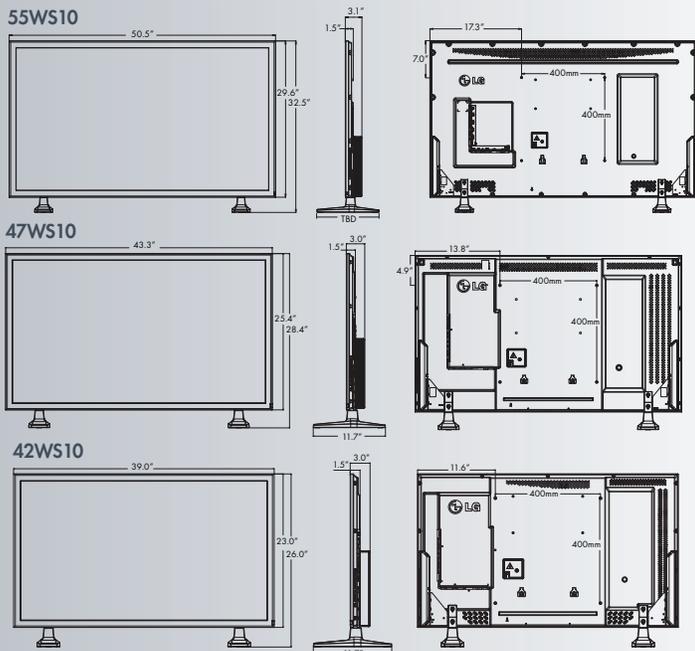
3-YEAR LIMITED WARRANTY
parts/labor

LGsolutions.com

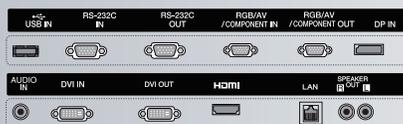


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55WS10 55" CLASS (54.6" MEASURED DIAGONALLY)
 47WS10 47" CLASS (46.9" MEASURED DIAGONALLY)
 42WS10 42" CLASS (42.0" MEASURED DIAGONALLY)



Rear Jack Pack Panel



SPECIFICATIONS

PANEL	
Panel Technology	IPS
LCD Panel Type	55" class, 47" class, 42" class
Display Area	54.6" measured diagonally 46.8" measured diagonally 42.0" measured diagonally
Aspect Ratio	16:9
Native Resolution	1920 x 1080 (FHD)
Pixels (H x V x 3)	6,220,600
Brightness	450 cd/m ²
Contrast Ratio	1,300:1 (Typ.), 50,000:1 (DCR)
Color Gamut	72%
T _{ni}	110°C
Viewing Angle	178° / 178°
Color Depth	1.06 Billion
Response Time	12ms (G to G)
Surface Treatment	Hard Coating (3H), Anti-glare
Lifetime	30,000 Hr., Portrait & Landscape
VIDEO	
Max Input Resolution	1920 X 1080 @ 60Hz @ 60Hz (RGB, HDMI/DVI/DP)
Recommended Resolution	1920 X 1080 @ 60Hz @ 60Hz (RGB, HDMI/DVI/DP)
H-Scanning Frequency	30 ~ 83 kHz (RGB, HDMI/DVI/DP)
V-Scanning Frequency	56 ~ 75 Hz (RGB), 63Hz (HDMI/DVI/DP)
Pixel Frequency	148.5 MHz (RGB, HDMI/DVI/DP)
Sync Compatibility	Separate/Composite/Digital
Video Input	RGB, HDMI/DVI/DP
Picture mode	Vivid/Standard/Cinema/Sports/Game
Color temperature	Warm/Medium/Cool
INPUT (REAR)	
Digital	HDMI(1), DVI(1), Display Port(1) with HDCP
Analog	Component(1), Composite(1), RGB(1) (Shared with D-Sub)
Audio	PC/AV/Component Audio In(1)
External Control	RS232C(1), RJ45(1)
USB	Yes (x1)
HDTV Formats	Component: 720p/1080i/1080p HDMI: 720P/1080i/1080p

OUTPUT (REAR)

Digital	DVI(1)
Analog	Component(1), Composite(1), RGB(1) (Shared with D-Sub)
Audio	External speaker
External Control	RS232C
AUDIO	
Balance	Yes
Audio Power	20W (10W x 2)
Speaker On/off	Yes
Clear Voice II	Yes
Sound mode	Standard, Music, Cinema, Sports, Game

SPECIAL FEATURES

Temperature Sensor	Yes
Cooling FAN	Yes
Split Zoom (Self-Video Wall, 5 x 5 Max)	Yes, supports natural mode
Source Selection	AV, Component, RGB, Display Port, DVI, HDMI
Brightness/Contrast/Backlight	Yes
Position/Size	Yes
Auto Config/Phrase	Yes
Language (OSD)	English/French/Spanish/Italian/German/Portuguese/Korean/Japanese/Chinese/Russian
Language (Manual)	English/French/Spanish/Italian/German/Portuguese/Korean/Japanese/Chinese/Russian/Hungarian/Greek/Dutch/Kazakh/Ukrainian/Polish/Arabic/Indonesian
ISM Method	Normal/White wash/Orbiter/Inversion
Advanced	Dynamic Contrast, Dynamic Color, Clear White, Skin Color, Noise Reduction, Digital Noise Reduction, Gamma, Black Level
Time	Clack, On/off Time, Sleep Timer, Power on Delay, Auto Off
Information Display	Software Version, Serial Number, MAC Address, IP Address
Auto Power/Source Memory	Yes
Key Lock	Yes
DPM Select	Yes
Energy Saving	Yes, Auto/Minimum/Medium/Maxium
Smart Energy Saving	Yes
Power Indicator On/Off	Yes
File Play with USB	Yes
PIP/PBP	Yes

ENVIRONMENT CONDITIONS

Operation Temperature	0°C ~ 40°C
Operation Humidity	10% ~ 80%

CABINET

Color	Black
Bezel Width	27.6mm (42"), 28.0mm (47"), 33.5mm (55")
CABINET	42WS10 47WS10 55WS10

Dimensions	
Head only (W×H×D)	39.0" x 26.0" x 11.7" 43.4" x 28.4" x 11.7" 50.5" x 32.5" x 11.7"
with Stand (W×H×D)	39.0" x 23.0" x 1.5" 43.4" x 28.4" x 1.5" 50.5" x 27.6" x 1.5"
packaging (W×H×D)	42.1" x 28.1" x 4.3" 46.5" x 29.3" x 4.9" 53.3" x 33.8" x 6.3"

Weight	
Head only (W×H×D)	30.9 lbs (14 Kg) 41.7 lbs (18.9 Kg) 51.1 lbs (23.2 Kg)
with Stand (W×H×D)	27.8 lbs (12.6 Kg) 38.6 lbs (17.5 Kg) 48.0 lbs (21.8 Kg)
packaging (W×H×D)	34.8 lbs (15.8 Kg) 47.4 lbs (21.5 Kg) 59.1 lbs (26.8 Kg)

VESA™ Standard Mount Interface 400mm x 400mm

POWER

Power Supply	100-240V~, 50/60Hz
Power Type	Built-in Power
Power Consumption	
Normal	115W(Typ) [42"] 120W(Typ) [47"] 140W(Typ) [55"]
Smart Energy Saving	75W [42"], 85W [47"], 95W [55"]
DPMS Off	1.0W(RGB) / 2.0W(HDMI/DVI) [42"] 1.0W(RGB) / 2.0W(HDMI/DVI) [47"] 1.0W(RGB) / 2.0W(HDMI/DVI) [55"]
Power Off	0.5W [42"], 0.5W [47"], 0.5W [55"]

STANDARD (CERTIFICATIONS)

Safety	UL / cUL / CB scheme / TUV
EMC	FCC Class "B" / VCCI / C-tick / CE / KCC
Erp/ENERGY STAR 5.1	Yes / Yes

MEDIA PLAYER COMPATIBILITY

External Media player Attachable	Yes
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SOFTWARE COMPATIBILITY

Supersign Compatibility	Elite-w
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LIMITED WARRANTY

	3 Years (Parts/Labor)
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UPC CODE

55WS10	7 19192 18930 0
47WS10	7 19192 18929 4
42WS10	7 19192 18928 7

ACCESSORIES

Accessory	Remocon, Power cable, RGB Cable, Manual (CD/Book)
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OPTIONAL ACCESSORIES

SP-2000 (Speaker)	
Speaker Dimensions (W x H x D)	1.9" x 11.4" x 4.2"
Speaker Weight (each)	1.8 lbs
Packaging Dimensions (W x H x D)	13.1" x 5.9" x 7.9"
Packed Weight	2.1 lbs (2 Speakers/1 Package)
ST-200T (stand)	
Stand Dimensions (W x H x D)	3.4" x 6.2" x 11.7"
Weight	3.1 lbs
Packaging Dimensions (W x H x D)	13" x 4.5" x 12.8"
Packed Weight	4.2 lbs



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

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