

IPS Edge LED Full HD Capable Monitor

▶ 38WR50MS

38" class (37.9" measured diagonally)



Features

TCO Total Cost of Ownership

The 38WR50MS is 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

Super 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 reproduce and maintain the ultimate color temperature for lifelike images.

UNIQUE APPLICATION FOR SPACE SAVING

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

Specifications

Native Display Resolution 1920 X 502 (FHD)

High Brightness 500 cd/m²

Contrast Ratio 1,400:1 (Typ.), N/A (DCR)

Super IPS 178° Viewing Angle viewing angle and life expectancy enhanced

Viewing Angle and Life Expectancy

RJ-45 LAN Control

Display Port, HDMI, RGB and DVI-D Connection

RS-232C Control

Convenient External Speaker-Out

Energy Star® 5.1 compliant

Bezel Width 21mm (top/bottom), 20mm (left/right)

USB Playback

USB Port

Temperature Sensor

Smart Energy Saving

PIP/PBP

3-Year Limited Warranty Parts/Labor/Backlight



Superb Picture Quality

NO BLACKENING DEFECT

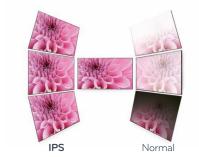
Display has a built-in temperature control that adjusts to light and heat eliminating dark or blackened areas.



If the outdoor temperature is 86°F the surface temperature of display is 185°F

TRUE WIDE VIEWING

Color changes and distortion are eliminated from any viewing angle.



Color change average @ 60° Gamma change average @ 60° PANEL STABILITY Minimized image distortion when external pressure is applied.



IPS

Normal

LED

High Picture Quality & Brightness

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



Unique Application for Space Limitation

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





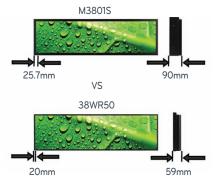


Station

Convenience Store

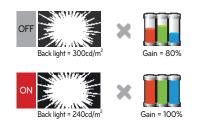
Reception

Slim & Narrow Bezel



Smart Energy Saving

Reduce energy consumption by approximately 30%



Easy & Fast Delivery of Content USB multi-media playback



Wide Viewing Angle

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

3135 BA 901 12 LONDON Biogram 3145 UIS 130 T1 LOS AVGRES A GS 1235 BA 7306 T1 STARY BIOME 1235 BA 7306 T1 STARY BIOME 1243 BA 7576 CURPETOWN A 11	240 AF 1413 T1 PARS A 152 255 R6 1713 T2 SAO PALLO B1021 100 BK 048 T0 DUBAN A 511 125 BA 901 T2 LONON B1022 125 BA 901 T2 LONON B1022 125 BA 901 T2 LONON B1024 125 BA 7036 T1 ST04F1 B1024 126 BA 7255 CUPENTIN B1014 126 SA 7256 CUPENTIN B4111	Time	Flight	Term	Destination	Gate	Status
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13:50 SU 108 T1 MOSCOW	350 SU 106 T1 NOSCOW		BA 7306		SYDNEY	C 04	
		3:50	SU 108	TI		14.08	

Conventional Display	
- Aspect ratio: 16:9	

Time	Flig	ht	Term	Destination	Gate	Status
12:35	LH	404	T1	NEW YORK	A 07	
12:40				PARIS		
12:55			T2	SAO PAULO	B 03	
13:00				DUBAI	A 01	
				LONDON	B 02	
				LOS ANGELES	A 05	
				SYDNEY	C 04	
13:40				CAPETOWN	A 11	
		106		MOSCOW	A 08	
				@ LG		

Auto Scaling

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

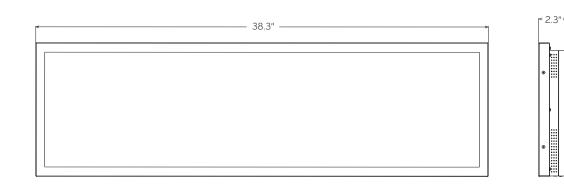


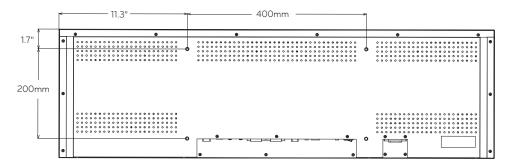
when it's green.

LG is committed to improving product development, manufacturing and usage to meet the demand for products with environmentally friendlier features. Our televisions have technologies to reduce power consumption and in return increase cost savings per room.

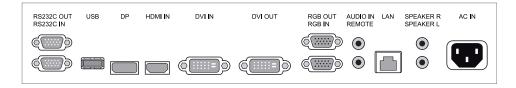
EcoSmart

- 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.





Rear Jack Panel



IPS Edge LED Full HD Capable Monitor

▶ 38WR50MS





PANEL	Model	38WR50MS
	Panel Size	38" class (37.9" measured diagonally)
	Panel Technology	IPS
	Aspect Ratio	16 : 4
	Native Resolution	1920 x 502 (FHD)
	Brightness	500 cd/m ²
	Contrast Ratio (Typ.)	1,400:1
	Dynamic CR (DCR)	N/A
	Viewing Angle	178°/178°
	Response Time	6ms (G to G)
	Orientation	Landscape
INPUT	Digital	DVI-D(1), HDMI(1), Display Port(1) with HDCP for all input
(Rear)	Analog	RGB(1)
	Audio	PC Audio In(1)
	External Control	RS232C(1), RJ45(1), IR Receiver(1)
	USB	USB(1)
OUTPUT	Digital	DVI-D(1)
(Rear)	Analog	RGB(1)
	Audio	External speaker(1)
	External Control	RS232C(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	Color	Black
	Bezel Width	21mm (top/bottom), 20mm (left/right)
	Monitor Dimensions	38.3" x 11.3" x 2.3" (W x H x D)
	Monitor Weight	27.6 lbs.
	Carton Dimensions	42.2" x 17.9" x 7.1" (W x H x D)
	Packed Weight	32.4 lbs.
	VESA™ Standard Mount Interface	400mm x 200mm

SPECIAL	Model	38WR50MS			
FEATURES	Temperature Sensor				
	Source Selection	RGB / DVI-D / HDMI / Display Port / USB			
	Brightness/Contrast/Backlight				
	Position/Size				
	Auto Config/Phase				
	Time	Clock, On/off Time, Sleep Timer, Power on Delay, Auto off, Automatic standby			
	Input Label				
	Auto Power/Source /	Memory			
	Key Lock				
	DPM Select				
	Energy Saving	Off / Minimum / Medium / Maximum / Screen Off			
	Smart Energy Saving				
	Power Indicatior On/Off				
	File Play with USB				
	PIP/PBP				
ENVIRONMENT CONDITIONS	Operation Temp.	0°C ~ 40°C			
CONDITIONS	Operation Humidity	10% ~ 80%			
POWER	Power Supply	100 <i>-</i> 240V~, 50/60Hz			
	Power Consumption	Normal (Typical) 90W			
		Smart Energy Saving on 80W			
		DPMS Off 1W (set only)			
		Power Off 0.5W			
STANDARD CERTIFICATION	Safety	UL / c-UL / CB			
	EMC	FCC / CE / C+tick			
	Erp/Energy Star	Yes / Yes (EPA 5.1)			
MEDIA PLAYER	External Media player Attatchable				
SOFTWARE	SuperSign Elite-W / Elite-W lite w/Editing, Scheduling, Distribution & Play, Control				
WARRANTY	3-Year Limited Warranty (Parts/Labor/Backlight)				
UPC		7 19192 19179 2			
ACCESSORIES	Remote Controller, Pa	ower Cable, RGB Cable, Manual, ESG, IR Receiver			





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SPEC_38WR50MS_011306_PR

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USB

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