

## **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/m<sup>2</sup>

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

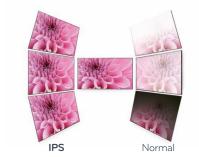
Display has a built-in temperature control that adjusts to light and heat eliminating dark or blackened areas.



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.





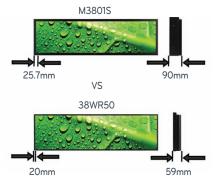


Station

Convenience Store

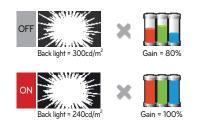
Reception

### 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
2/55 RG 17/3 12 SAD FALLO BETON   3160 EX 068 TI LOXADA A diff   315 EA 361 TI LOXADAL B TOP   315 EA 361 TI LOXADAL B TOP   315 EI 363 TI LOXADAL B TOP   315 EI 363 TI SOB A004LES A 455   313 B 735 TO SMART COME B TOP   314 B 735 M 704FTONN B TOP B TOP   315 S S1 36 TI M 705FTON B TOP	255 R6 1171 12 SAO FALLO BIDD   300 RF 046 T1 SAO FALLO BIDD   315 LS 717 T2 LONCOM BIDD   315 LS 718 T1 LON AVAGELS A 45   315 LS 718 T1 LON AVAGELS A 55   315 LS 78 SA 785 OVERTOWN BIDD   316 S. 7185 OVERTOWN BIDD BIDD				NEW YORK	A.07	
State EX CHE TL CUBN A. CH   State	300 EX 046 TI DUBN A. 61   305 EA 901 T2 LONDON BL02   305 EA 901 T2 LONDON BL02   305 EA 701 T1 LOSMORES A. 65   305 EA 706 T1 STARY DDDR   305 EA 7305 CAPETONN A. 111   305 SL 105 T1 WORDON A. 111					A 12	
3135 84 901 17 LONDON BILE   1315 US 110 T1 LOS ANGELES IA 55   1335 BA 7006 T1 STONEY BILE BA   1346 SA 7076 T1 STONEY BILE BA   1340 SA 7076 CUPETONY BILE BA BA   1341 SA SA SA SA BA BA BA	305 EA 901 TZ LONDON B1021   315 LG 158 TI LOS ANGELES A G5   315 EA 705 TI STOREY GG64   314 SA 7576 CuPETOWN GG64   315 EA 7576 GG64   315 SA 156 TI MOSCOW GG64					8.03	
B15 US 181 Th LOS AVGELES A 35   D135 EA 7306 T1 STDARY D256   D140 EA 7306 T1 STDARY A 11   D350 S1 106 T1 VEXCONV A 11	315 US 103 T1 LOS ANGELES A 55   315 EA 7306 T1 STONEY 10.56   340 SA 7305 CAPETOWN A 111   350 SU 106 T1 VOSCOW A 111					A 01	
13:35 BA 7306 T1 SYDNEY DD94 13:40 SA 7576 CAFETOWN A 11 13:50 SU 106 T1 MOSCOW A 10	335 BA 7306 TI SYDNEY DOME 340 SA 7576 CAPETOWN A 11 350 SU 106 TI MOSCOW A 10						
13:40 SA 7576 CAFETOWN A 111	3.40 SA 7576 CAFETONN A 11 3.50 SU 106 T1 NOSCON A DE						
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

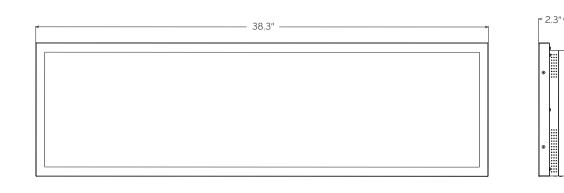


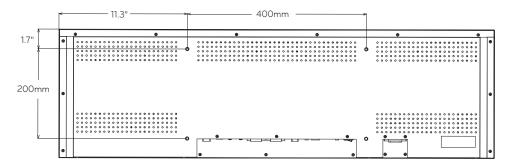
## when it's green.

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.

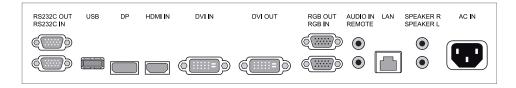
#### EcoSmart

- 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 <sup>2</sup>
	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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USB

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