

## LED Monitor

Efficient and Convenient  
Smart Energy Saving Monitor

### ▶ 20M37D-B

20" class (19.5" diagonal)

### ▶ 19M37D-B

19" class (18.5" diagonal)



## Features

### FLICKER-SAFE

- Eye fatigue is a major concern when working overtime on the computer. LG's Almost-Zero Flicker Free technology, allows the ability to work longer and more comfortably without straining the eyes..

### COLOR WIZARD

- Improves vision impaired viewers to adjust the RED and GREEN levels accordingly to easily distinguish colors.

### SMART ENERGY SAVING

- LG's Smart Energy Saving Mode conserves energy by using luminance compensation algorithm.

## Specifications

Native Display Resolution 1366 x 768 (19M37D-B)  
1600 x 900 (20M37D-B)

High Brightness 200 cd/m<sup>2</sup>

Viewing Angle (90/65)

Tilt and Base Detachable Stand

Vesa™ Compliant Wall Mountable

3-Year Limited Warranty Parts/Labor/Backlight

## Enhanced Usability for Convenience

### **DUAL** DUAL SMART SOLUTION Smart Solution

Dual Smart Solution is a function that allows the set-up of dual monitors, dual taskbars, and a split-screen function called dual web.



### **SUPER PLUS RESOLUTION**

Image distortion is unpleasant but it can also obscure important details in your work. Help solve this problem with Super Resolution, a revolutionary technology that decreases blur and picture degradation.



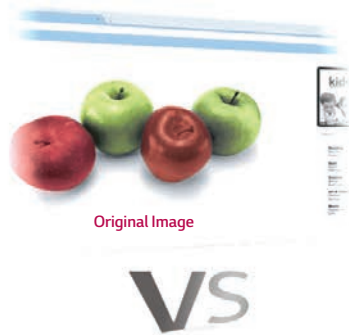
### **SMART ENERGY SAVING**

LG's Smart Energy Saving Mode reduces power consumption without lowering the brightness of the monitor.



### **COLOR WIZARD**

Improves the vision impaired viewing experience by adjusting the RED and GREEN levels accordingly to easily distinguish colors.



**VS**

# Eye-Comforting Display

**Flicker SAFE** FLICKER-SAFE

LG's Flicker-Safe technology protects users' eyes from fatigue by reducing flickering to almost zero

**Reader Mode**

With a touch of a button, Reader Mode allows the reduction of blue light emissions that can be harmful to the eyes.

**VS**

Conventional

Flicker

Conventional

Flicker Safe

Brightness / Frequency (Bright/High >)

Low

News Paper

Reader Mode

Novel

Textbook

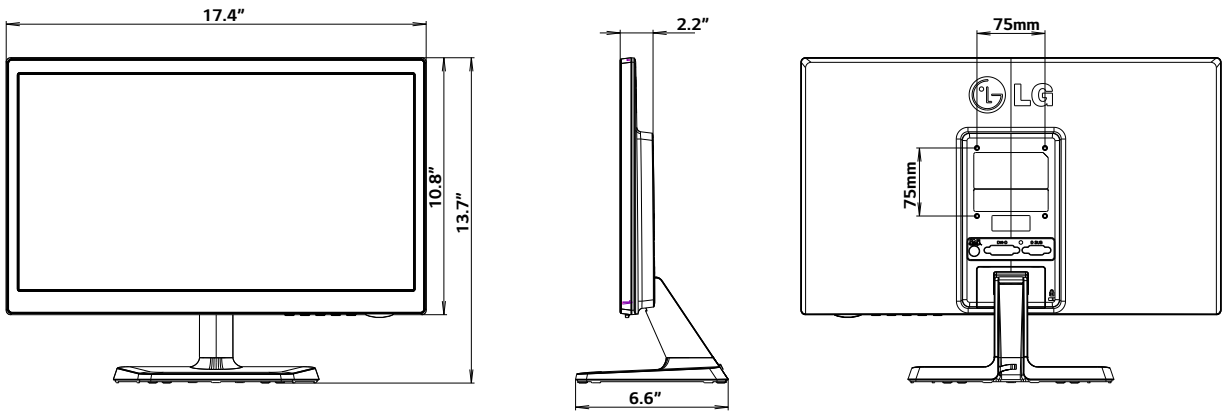
Conventional

High

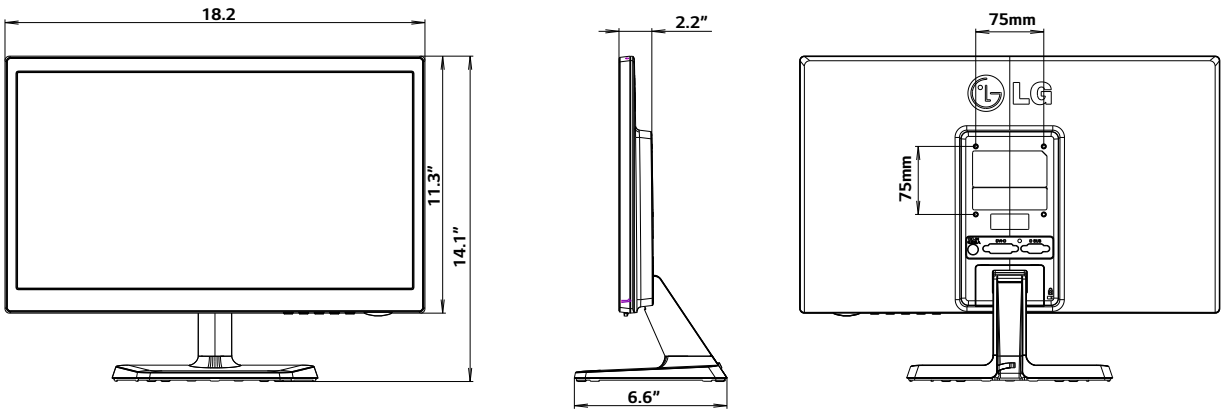
LG obtained TUV "flicker free" certification

## Dimensions

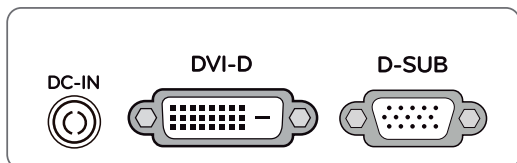
19M37D-B



20M37D-B



## Rear Jack Pack



# LED Monitor

## Efficient and Convenient Smart Energy Saving Monitor

▶ 20M37D-B

20" class (19.5" diagonal)

▶ 19M37D-B

19" class (18.5" diagonal)

PANEL	Model	19M37D-B	20M37D-B
		Panel Size	19" class (18.5" diagonal)
	Panel Type	TN	
	Color Gamut (CIE1976)	72%	
	Color Depth (Number of Colors)	16.7M colors	
	Pixel Pitch (mm)	0.3 (H) x 0.3 (V)	0.271 (H) x 0.262 (V)
	Aspect Ratio	16:9	
	Native Resolution	1366 x 768	1600 x 900
	Brightness	200 cd/m <sup>2</sup>	
	Contrast Ratio (Typ.)	600:1	
	Dynamic CR (DFC)	5,000,000:1	
	Response Time (on/off)	5ms	
	Viewing Angle (CR 10)	90°/65°	
	Surface Treatment	Anti-glare, (3H)	
SIGNAL (INPUT)	D-Sub	Yes	
	DVI-D	Yes	
POWER	Power Type	Adapter	
	Power Supply	100 ~ 240 Vac, 50/60 Hz	
	Normal On (EPA)	13 W	16 W
	Normal On (typ.)	18 W	20 W
	Sleep Mode (Max)	0.3 W	
	DC Off (Max)	0.3W	
SPECIAL FEATURES	Picture Mode	Yes	
	Reader Mode	Yes	
	Original Ratio	Yes	
	DDC/CI	Yes	
	HDCP	Yes	
	Intelligent Auto (Auto Adjustment)	Yes	
	Key Lock	Yes	
	Plug & Play	Yes	
	Color Wizard	Yes	
	Dual Smart Solution (Dual web, Dual Display, Smart Resolution)	Yes	
	Flicker Safe	Yes	
	Smart Energy Saving	Yes	

CABINET	Model	19M37D-B	20M37D-B
		Color	Black Hairline
	Stand/Base Color	Black High Glossy	
	Monitor w/stand	17.4" x 6.6" x 13.7"	18.2" x 6.6" x 14.1"
	Monitor Weight	4.6 lbs	4.9 lbs
	Monitor w/o stand	17.4" x 2.2" x 10.8"	18.2" x 2.2" x 11.3"
	Monitor Weight	4.2 lbs	4.4 lbs
	Carton Dimensions	20.0" x 13.3" x 4.5"	21.2" x 14.0" x 4.5"
	Packed Weight	6.4 lbs	6.8 lbs
	Base Detachable	Yes	
	Tilt (Angle)	Yes, -5°~25°	
	Wall Mount	75mm x 75mm	
FREQUENCY	D-Sub (H-Frequency)	30 ~ 61 kHz	30 ~ 83 kHz
	D-Sub (V-Frequency)	56 ~ 75Hz	
	DVI-D (H-Frequency)	30 ~ 61kHz	30 ~ 83 kHz
	DVI-D (V-Frequency)	56 ~ 75Hz	
RESOLUTION	D-Sub (PC)	1366 x 768	1600 x 900
	Digital (DVI-D / HDMI)	1366 x 768	1600 x 900
STANDARD CERTIFICATIONS	UL(cUL)	Yes	
	FCC-B, CE	Yes	
	EPA 6.0	Yes	
	EPEAT	Yes (Gold)	
	Windows	Yes (Windows 8)	
WARRANTY	3-Year Limited Warranty (Parts/Labor/Backlight)		
UPC	7 19192 19629 2		7 19192 19559 2
ACCESSORIES	Power Cord	Yes	
	D-Sub	Yes	



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