

LG Business Monitor

W46 Specification



PANEL SPEC		W2346T/S	W2246PM/T/S	W2046T/S	W1946SM/T/S				
Size (Inch)		23	21.5	20	18.5				
Brightness (CD/m ²)		250	250	250	250				
Contrast Ratio (DFC)		30,000:1	30,000:1	30,000:1	30,000:1				
Viewing angle (CR±5)		176/170	176/170	176/170	176/170				
Response time (Typical)		5ms	5ms	5ms	5ms				
Supported Colors		16.7M	16.7M	16.7M	16.7M				
Resolution		1,920x1,080	1,920x1,080	1,600x900	1,366x768				
FEATURES		W2346T/S		W2246PM		W2046T/S		W1946SM/T/S	
Connector		D-Sub, DVI-D / D-Sub		D-Sub, DVI-D / D-Sub, DVI-D / D-Sub		D-Sub, DVI-D / D-Sub		D-Sub / D-Sub, DVI-D / D-Sub	
Power supply (power type)		100-240V (LIPS)		100-240V (LIPS)		100-240V (LIPS)		100-240V (LIPS)	
Size/Weight Dimension (W*D*H / mm)	Set (with Stand)	542.5x210x416.6 / 542.5x210x416.6		509.24x224.4x463.86 / 509.24x210x396.88 / 509.24x210x396.88		475.8x169.9x376.4 / 475.8x169.9x376.4		442.6x169.9x356.2 / 442.6x169.9x356.2 / 442.6x169.9x356.2	
	Set (without Stand)	542.5x60.5x323.2 / 542.5x60.5x323.2		509.24x59.85x304.21 / 509.24x59.85x304.21 / 509.24x59.85x304.21		475.8x59.8x303.54 / 475.8x59.8x303.54		442.6x59.4x283.3 / 442.6x59.4x283.3 / 442.6x59.4x283.3	
	Box	617x450x126 / 617x450x126		577x373x201 / 575x452x127 / 575x452x127		543x412x120 / 543x412x120		511x405x120 / 511x405x120 / 511x405x120	
Dimension	•W2346T/S		•W2246PM		•W2046T/S		•W1946SM/T/S		
Weight (Kg)	Set (with Stand)	4.3 / 4.28		5.9 / 3.9 / 3.9		3.18 / 3.18		3.36 / 3.36 / 3.36	
	Set (without Stand)	3.913 / 3.893		4.4 / 3.513 / 3.513		2.875 / 2.875		3.055 / 3.055 / 3.055	
	Box	6.26 / 6.26		7.64 / 5.55 / 5.36		4.65 / 4.65		4.84 / 4.84 / 4.84	
Wall mount		Yes		Yes		Yes		Yes	
SPECIAL FEATURES		W2346T/S		W2246PM		W2046T/S		W1946SM/T/S	
Multimedia		f-Engine, 4:3 in Wide, sRGB, DDC/CI, HDCP(Only available W2346T), Intelligent Auto(Auto Resolution)		f-Engine, 4:3 in Wide, sRGB, DDC/CI, HDCP(Only available W2246PM/T), Forte Pivot(Only available W2246PM), Intelligent Auto(Auto Resolution)		f-Engine, 4:3 in Wide, sRGB, DDC/CI, HDCP(Only available W2046T), Intelligent Auto(Auto Resolution)		f-Engine, 4:3 in Wide, sRGB, DDC/CI, HDCP(Only available W1946T), Intelligent Auto(Auto Resolution)	
Audio		No		Built in Speaker(Tw2) / No / No		No		Built in Speaker(Tw2) / No / No	
Stand	Tilt	Yes		Yes		Yes		Yes	
	Height	No		Yes / No / No		No		No	
	Pivot	No		Yes / No / No		No		No	
POWER CONSUMPTION		W2346T/S		W2246PM		W2046T/S		W1946SM/T/S	
Normal On (Typical)		32W / 32W		26W / 28W / 28W		27W / 27W		24W / 25W / 25W	
Power Save / Sleep Mode (Max)		0.5W		0.5W		0.5W		0.5W	
DC Off (Max)		0.5W		0.5W		0.5W		0.5W	
STANDARD		W2346T/S		W2246PM		W2046T/S		W1946SM/T/S	
TC05.0		Yes		Yes		Yes		Yes	
UL(cUL)		Yes		Yes		Yes		Yes	
TUV-GS		Yes		Yes		Yes		Yes	
SEMKO		Yes		Yes		Yes		Yes	
FCC-B, CE		Yes		Yes		Yes		Yes	
EPA5.0		Yes		Yes		Yes		Yes	
VESA MOUNT		75x75		75x75		75x75		75x75	
ISO13406-2		Yes		Yes		Yes		Yes	
WINDOWS LOGO		Win7 / Vista Basic		Win7 / Win7 / Vista Basic		Win7 / Vista Basic		Vista Basic / Win7 / Vista Basic	

Deployed Model *DFC(Digital Fine Contrast ratio) **Specifications are subject to change without prior notification.

About LG Electronics Business Solutions Company | LG's Business Solutions Company anticipates future business trends and provides innovative products, solutions and services to meet consumer needs. LG's ability to create exceptional hardware lies in its thorough understanding of the intricate requests from its business customers. LG makes great hardware even better by matching it with exceptionally designed software. The end result is products that deliver incredible long-term value to retail and business customers. LG's Business Solutions Company products include a wide range of LCD monitors, versatile commercial displays, car infotainment and telematics solutions, advanced audio systems and digitally-enhanced security systems. LG will continue to invest in these business solutions and product areas, setting new standards in technology.

Whatever YOU DO, Wherever YOU ARE

The Perfect Monitor for Any Office Environment



TRUE-TO-LIFE PICTURE QUALITY

With LG's unrivaled display technologies, which improve image quality in various ways, the LG W46 monitor series provides you with the highest picture quality you have been looking for. Experience gorgeous images with LG W46 monitors.



EXCELLENT PICTURE QUALITY WITH FULL HD RESOLUTION

The W46 series supports full HD (1,920x1,080 pixels) resolution and provides 1:1 pixel match to a wide range of HD content for crisp, vivid reproduction of presentation documents, high resolution pictures and videos. (Only available on 22 inches or larger)



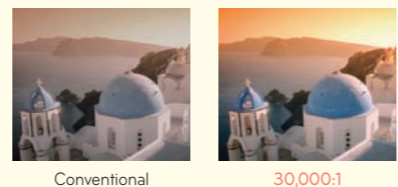
GREATER LOOK WITH FLATRON f ENGINE

The FLATRON f Engine is a unique picture quality improvement chip that is unique to LG providing clear, optimal picture quality free of any afterimage for documents, pictures and videos.



DIGITAL FINE CONTRAST RATIO

With a superior contrast ratio of 30,000:1, images are so clear and sharp that colors practically jump off the screen.



LIGHTNING-FAST RESPONSE TIME - 5ms

Clean visuals are the norm with such a lightning-fast response time. This means sharp images, minimal motion blurring and no afterimage while viewing videos, even when playing the most frantic computer games.



GREAT ENERGY-SAVING TECHNOLOGY & CERTIFICATION

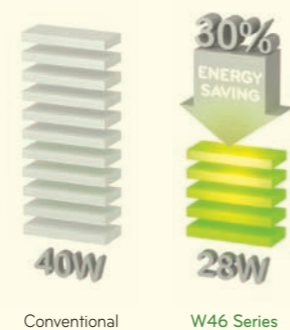
The W46 series lowered energy consumption with LG's advanced technology, resulting in increased energy efficiency and lower electricity costs. At the same time, these eco-friendly, low power consumption monitors help protect the environment.



GREEN TECHNOLOGY THAT HELPS THE ENVIRONMENT & BUSINESS

Although the W46 series has reduced the number of lamps it uses from four to two, the screen is still as bright as ever thanks to the increased energy efficiency of the prism sheet. As a result, energy consumption is lowered and electricity costs have been cut by 30% on average.

*Standard value when using 22inch monitor



CERTIFICATIONS

The W46 monitors have been certified by internationally renowned companies and organizations such as TCO Development, the U.S. Environmental Protection Agency (EPA), and SEMKO for its eco-friendliness, ergonomic design, and high product quality.



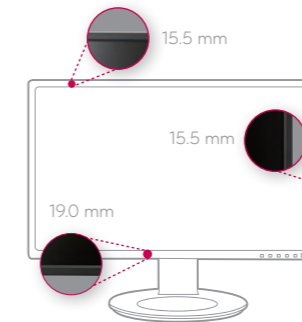
STUNNING DESIGN AND FEATURES

LG W46 monitors have an innovative, stylish design with a variety of functions that can be utilized at both small and large corporations, schools, and hospitals. Adjust the angles of the monitor or mount it on a wall - with W46 monitors you can design your space exactly how you want it.



ULTRA-SLIM FRAME

- Simple Square-shared head Design
- Narrow bezel for convenient viewing of tiled monitor



USEFUL ERGONOMIC DESIGN

With their ergonomic design, W46 monitors are the ideal monitors for any environment. Their streamlined design helps increase work efficiency in every type of office, as do their tilt, height and pivot adjustment features.



TIDY UP YOUR WORK AREA

The user-oriented, entrancing design of these monitors is sure to serve all your needs.

- Ensuring a clean, convenient work environment
- Optimizing the space on your desk (or wall area if mounted)
- Providing a specially designed base area to store stationery



WINDOWS 7 CERTIFICATION

LG's W46 series helps customers easily identify software and devices that have passed Microsoft-designed testing for compatibility and reliability with Windows 7.



EFFICIENT USE OF VIEWING AREA WITH 16:9 WIDE SCREEN

Use the wide screen to open text documents and web browser windows side-by-side for multitasking. The 16:9 aspect ratio lets you utilize presentation documents, high-resolution pictures and videos in full screen without image distortion or letterboxing.



ORIGINAL RATIO GUARANTEED

The Original ratio function prevents images from being spread or diffused horizontally when displaying images with a different ratio.



VARIOUS SIGNAL INPUT

W46 monitors support diverse signal inputs to allow for the easy and convenient use of DVI and RGB modes (DVI not available with W46S models).



CONVENIENT OSD DESIGN

With just one touch of a button you have access to a menu which lets you customize a whole range of different features for the monitor, such as brightness, contrast, and screen aspect ratio, ensuring its easy operation.



W46 Series No printed button items