

24BP450Y-I 24" class IPS TAA Compliant Monitor

▶ 24BP450Y-I

24" class (23.8" diag)



FEATURES

FLICKER SAFE

- Flicker Safe reduces on-screen flickers, which helps minimize eye strain and eye fatigue. By combining Flicker Safe with the proven picture quality of IPS technology, users can comfortably work throughout the day.

READER MODE

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

SMART ENERGY SAVING

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

SPECIFICATIONS

Native Display Resolution: 1920 x 1080

Contrast Ratio: 1000:1

5MS (G to G) Response Time

Vesa™ Compliant Wall Mountable

3-Year Limited Warranty: Parts/Labor/Backlight

TAA Compliant

FULL HD IPS DISPLAY

Designed for professionals, this Full HD display with IPS technology minimizes color shifts and provides outstanding picture quality from virtually any viewing angle.



BLACK STABILIZER

Keep visibility even in dark scenes. LG's Black Stabilizer senses dark scenes and helps make them brighter so that you can pick out critical details and work smarter on challenging projects.



PERSONALIZED VIEWING ANGLES AND EASY ASSEMBLY

The monitors provide comfortable viewing with versatile screen height / tilt / pivot / swivel adjustments. You can customize the display condition to create a more personal, comfortable workstation. The monitor can be easily assembled without any tools, and is also able to be wall-mounted*.

* Wall mount sold separately



MINI PC MOUNTING CAPABILITIES

The BP450 is designed to allow for the discreet mounting of compatible mini PCs on the rear. Using an Intel NUC or 100x100mm wall mount, users can easily mount their mini PC*

*Bracket and PC sold separately



24BP450Y-I 24" class IPS TAA Compliant Monitor

MODEL		24BP450Y-I
DISPLAY	Diagonal	23.8"
	Resolution	1920 x 1080
	Panel Type	IPS
	Backlight Type	Direct
	Aspect Ratio	16:9
	Pixel Pitch	0.2745 x 0.2746 mm
	Brightness (Typ.)	250 nits
	Color Gamut (Typ.)	NTSC 72% (CIE1931)
	Color Depth (Number of Colors)	16.7M
	Color Bit	8bit (6bit+FRC)
	Contrast Ratio (Typ.)	1000:1
	Response Time (GtG)	5ms (GtG at Faster)
	Viewing Angle (CR≥10)	178°
	Surface Treatment	Anti-Glare
	Flicker Safe	YES
	Picture Mode	Custom, Reader, Color Weakness, Photo, Cinema, Game
	Reader Mode	YES
	Color Weakness	YES
	Super Resolution+	YES
	AMD FreeSync™	YES
Black Stabilizer	YES	
Dynamic Action Sync	YES	
Crosshair	YES	
Smart Energy Saving	YES	
SOFTWARE APPLICATIONS	OnScreen Control / Switch	YES
CONNECTIVITY	D-Sub	YES (1ea)
	HDMI	YES (1ea)
	HDMI Version	2.0
	HDMI (HDCP Version)	1.4
	DisplayPort	YES (1ea)
	DP Version	1.2
	DP (HDCP Version)	1.4
SOUND	Built-in Speaker	NO
POWER	Type	External Power (Adapter)
	AC Input	100-240Vac, 50/60Hz
	DC Output	24W (19V, 1.3A)
	Power Consumption (Typ.)	19W
	Power Consumption (Max.)	22W
	Power Consumption (Sleep Mode)	Less than 0.3W
	Power Consumption (DC Off)	Less than 0.3W

MODEL		24BP450Y-I
MECHANICAL	Borderless Design	3-Side Virtually Borderless Design
	Color (Front Cabinet)	Black
	Color (Middle Cabinet)	Black
	Color (Back Cover)	Black
	Color (Stand Body)	Black
	Color (Stand Base)	Black
	Display Position Adjustments	Tilt / Height / Swivel / Pivot
	Tilt	-5 to +35°
	Swivel	0 to 355°
	Height Range	130 mm
	Down Height	71.1 mm
	Pivot	Bi-Directional
	Extend/Retract	N/A
	Wall Mountable	75 x 75 mm
	Dimensions with Stand (W x H x D)	21.3 x 19.9 x 9.8 in 539.9 x 506 x 249.5 mm
	Dimensions without Stand (W x H x D)	21.3 x 14.8 x 2.2 in 539.9 x 376 x 56.2 mm
	Shipping Dimensions (W x H x D)	23.9 x 15.9 x 6.9 in 607 x 404 x 175 mm
	Weight with Stand	9.5 lbs / 4.3 kg
	Weight without Stand	5.1 lbs / 2.3 kg
	Shipping Weight	12.6 lbs / 5.7 kg
CERTIFICATIONS & STANDARDS	EPA 8.0	YES
	TUV-TYPE	YES
	UL (cUL)	YES
	FCC-B	YES
	EPEAT (USA)	YES
	ErP	YES
	CE	YES
	ROHS, REACH	YES
ACCESSORIES AND UPC	Adapter (Color)	Black
	Power Cord	Black / 1.5m
	HDMI Cable	Black / 1.8m
	UPC Code	1 95174 03846 8



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