



# PLANAR ep46L

The Planar ep46L is a 46" professional LCD display using edge-lit LED backlight technology. The Planar ep46L features full HD resolution (1920x1080) in an ultra-thin, lightweight design that provides superior energy efficiency for demanding 24x7 applications. Additional features of the Planar ep46L include ambient light control, industrial metal bezel for durability, wide range of source compatibility and connectivity and optional touch screen. The Planar ep46L's logo-free design supports either portrait or landscape orientation that can be customized to suit any digital signage or control room application.



## FEATURES

**Ultra-thin design**  
60-70% thinner than CCFL

**Lightweight for easy installation**  
**Eco-friendly LED technology**  
Low power, mercury-free

**Superior image quality and brightness**  
Full HD resolution with  
120Hz panel refresh rate and  
600 nits of brightness

**Rugged and reliable**  
Built and designed for commercial  
applications operating up to 24x7

**Logo-free with customizable bezel options**  
Optional EP Select™ color &  
logo applications

**Touch interactivity**  
Optional fully integrated dual touch

## PLANAR ep46L-B

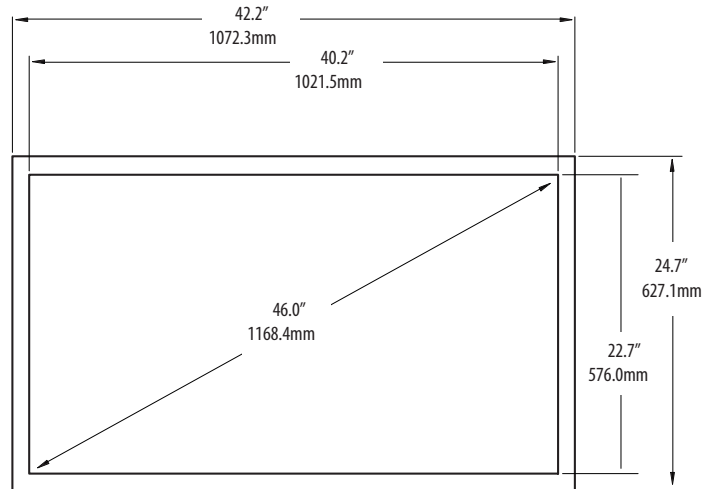
	Standard	Touch Landscape	Touch Portrait
Cabinet dimensions (WxHxD)			
Without optional SDI Card	42.2" x 24.7"x1.9" (107.2cm x 62.7cm x 4.9cm)	42.2" x 24.7"x2.4" (107.2cm x 62.7cm x 6.2cm)	42.2" x 24.7"x2.6" (107.2cm x 62.7cm x 6.6cm)
With optional SDI card	42.2" x 24.7" x 2.8" (107.2cm x 62.7cm x 7.1cm)	42.2" x 24.7" x 3.3" (107.2cm x 62.7cm x 8.3cm)	42.2" x 24.7" x 3.5" (107.2cm x 62.7cm x 8.8cm)
Orientation	Landscape, Portrait	Landscape	Portrait
Product weight**	53 lbs (24 kg)	70 lbs (32 kg)	
Shipment weight**	64 lbs (29 kg)	82 lbs (37 kg)	
Touch technology	N/A	Optical Dual Touch	
Touch interface	N/A	USB	
OS compatibility	N/A	Windows 7, Vista, XP, Mac OSX and Linux	
Display resolution	FHD 1080p (1920 x 1080)		
Aspect ratio (W:H)	16:9		
Display technology	Edge-lit LED LCD		
Screen dimensions			
Diagonal	46" (116.8 cm)		
Width by height	40.1"x22.6" (101.8 cm x 57.3cm)		
Bezel width	1.0" (2.5 cm)		
Screen brightness (typical)	600 cd/m²		
Response time (typical)	10 ms		
Frame rate	120Hz		
Contrast ratio (full field)	3000:1		
Full viewing angle	178°		
Color gamut	72% NTSC		
Backlight type	Edge-Lit LED		
Line voltage	100-240V; 50/60Hz		
Power consumption	180 W (Max)		
Standby consumption	< 1 W with Ethernet enabled; < 3 W without Ethernet enabled		
Operating temperature range	5-40°C (41-104°F)		
Operating humidity range	20-80% RH non-condensing		
Safety regulations	FCC Class A, EN60950, CE		
Standard inputs	VGA x 1, HDMI x 2, DVI-D x 1, Displayport x1, Composite video (RCA) x 1, Component video (RCA) x 1, S-Video (Mini DIN) x 1		
Optional inputs	SDI In x 2 / SDI Out		
Audio input	PC Audio in (Jack)		
Audio output	R/L Line out (Jack)		
Display control	LAN RJ45, RS232 in, IR, Keypad (lockable)		
Speakers	10w x 2 built-in		
Auto brightness control	Ambient light sensor		
Enclosure	Metal, Industrial		
Mounting	400 x 400 mm VESA; 8 holes		
Backlight life (1/2 brightness)	50,000 hours		
Optional accessories	Flat wall mount, tilting wall mount, table stand		
Warranty	3 years Advance Exchange		
Bezel Color	Black, glossy white or custom		

\*\*Weight and dimensions are approximate. Specifications and design are subject to change without notice. This product may be subject to export control regulations.

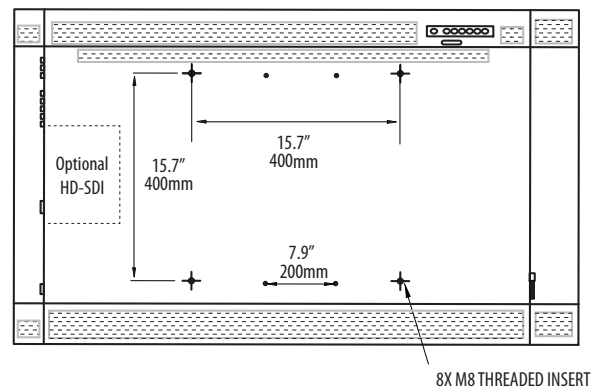
## PLANAR ep46L-B



Front  
All Models

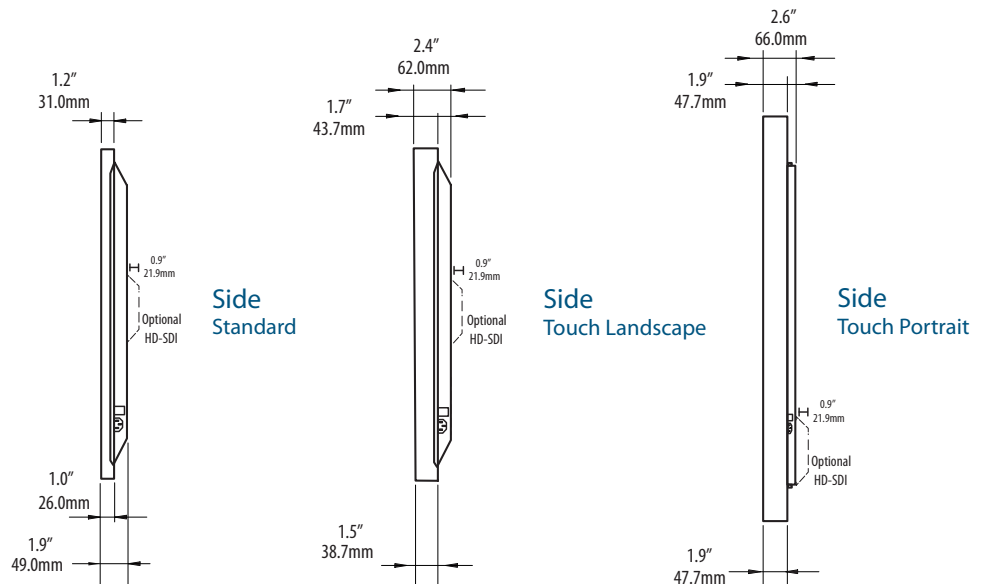


Back  
All Models

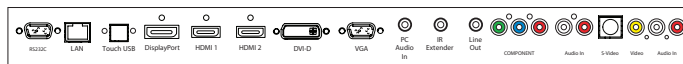


### For more information

To learn more about the Planar ep46L by Planar Systems, call 503-748-1100 or visit [www.planarcontrolroom.com](http://www.planarcontrolroom.com) or [www.planardigitalsignage.com](http://www.planardigitalsignage.com).



### Standard inputs



### Optional HD-SDI inputs



When image experience matters.

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