

# Planar EP5814K

## 4K LCD Display

The Planar® EP Series EP5814K display offers best-in-class 24x7 reliability with the stunning image quality of 4K resolution. The Ultra HD 58" display has multi-source viewing capability, supports 4K @ 60Hz and can be oriented in landscape or portrait. It comes fully loaded with advanced features that matter most to digital signage and other commercial applications such as an expansion slot supporting Intel's Open Pluggable Specification (OPS) and built-in speakers. The Planar EP Series EP5814K delivers superior performance and reliability for demanding public venue, corporate, and control room operations.



SPECIFICATION	DETAIL
Display Resolution	Ultra HD (3840 x 2160)
HD format	4K UHD 2160p
4K Modes	1 x 3840x2160 @ 24/25/30/50/60Hz
Aspect Ratio	16:9
Display Technology	Edge-lit LED LCD
Screen Size	58in. diagonal
Cabinet Dimensions (W x H x D)	51.2" x 29.6" x 3.2" (1300.7mm x 752.1mm x 80.2mm)
Bezel Width	0.6" (14mm)
Brightness (Typical)	480 cd/m <sup>2</sup>
Response Time	6.5ms
Frame Rate	120Hz
Contrast Ratio	3000:1
Full viewing angle	178°
Color Gamut	98% NTSC
Display Color	10 bit (1.07B colors)
Pixel Pitch	0.334mm x 0.334mm
Weight	84 lbs (38 kg)
Weight (Shipping)	97 lbs (44 kg)
Backlight	Edge-Lit LED
Line Voltage	100-240V; 50/60Hz

<b>Power Consumption (typ)</b>	135W
<b>Operating Environments</b>	Temperature: 5-35° C (41-95° F); Humidity: 20-90% humidity non-condensing
<b>Safety regulations</b>	FCC Class A, UL, CE
<b>Standard Inputs</b>	HDMI 1.4 x 4; Displayport 1.2, VGA, IR, OPS, OPS USB 2.0 x 2, OPS USB 3.0
<b>Audio Input</b>	PC Audio in (Jack)
<b>Audio Output</b>	R/L Line out (Jack)
<b>Multi-Source Views</b>	PiP, Dual, Triple, Quad
<b>Display Control</b>	LAN RJ45, RS232 in, IR, Keypad (lockable)
<b>Speakers</b>	10W x 2 built-in
<b>Optional Accessories</b>	Fixed wall mount, tilting wall mount, table stand
<b>Auto Brightness Control</b>	Ambient light sensor
<b>Enclosure</b>	Metal, Industrial
<b>Orientation</b>	Landscape/Portrait
<b>Mounting</b>	200 mm x 200 mm VESA
<b>Fanless</b>	Yes
<b>Recommended Usage</b>	Up to 24x7 operation
<b>Backlight life (1/2 brightness)</b>	50,000 hours
<b>Bezel color</b>	Black or custom
<b>Features</b>	OPS slot, On/Off scheduling, TAA compliant
<b>Warranty</b>	3 years Advance Exchange
<b>Planar Part Number</b>	997-7926-01
<b>UPC</b>	8 10689 00235 2

For more information, please visit [www.planar.com](http://www.planar.com)

*Specifications are subject to change without notice.*

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