



# Planar EP5824K

## 4K LCD Display

The Planar® EP5824K 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 through both HDMI and DisplayPort, is HDCP 2.2 compliant 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 EP5824K delivers superior performance and reliability for demanding public venue, corporate and control room operations.



SPECIFICATION	DETAIL
Product Name	EP5824K
Planar Part Number	997-9250-02
Display Resolution	Ultra HD (3840 x 2160)
Screen Size	58 in. (diagonal)
Aspect Ratio	16:9
Display Active Area	50.0" x 28.4" (1270.1mm x 721.4mm)
Viewing Angle (typ)	178°
Backlight	LED
Brightness (typ)	500 nits
Response Time (typ)	9.5 ms
Frame Rate	60Hz
Contrast Ratio (typ)	5000:1
Pixel Pitch	0.331mm x 0.331mm
Color Gamut	88% NTSC
Display Color	>1 billion colors. Full 10 bit data path
External Connections	DisplayPort 1.2 x 2, HDMI 2.0 x 2 (HDCP 2.2), HDMI 1.4 x 2, VGA x 1, OPS x 1, OPS USB 2.0 x 2, OPS USB 3.0 X 1
Modes	3840x2160 @ 24/25/30/50/60Hz; 1080p @ 24/25/30/50/60Hz; 1080i @ 50/60 Hz; 480p, 576p, 720p @ 50/60 Hz
Multi-Source Views	PiP, Dual, Quad
Display Control	IR, RS-232, LAN, HDMI-CEC, Keypad

<b>Cabinet Dimensions (W x H x D)</b>	51.2" x 29.6" x 3.1" (1300.8mm x 752.2mm x 79.8mm)
<b>Cabinet Dimensions with Handles (W x H x D)</b>	51.2" x 29.6" x 3.2" (1300.8mm x 752.2mm x 81.2mm)
<b>Orientation</b>	Landscape/Portrait
<b>Bezel Width</b>	0.6" (14mm)
<b>Weight</b>	89 lbs (41 kg)
<b>Weight (Shipping)</b>	104 lbs (47 kg)
<b>Audio Output</b>	PC Line Out, S/PDIF
<b>Speakers</b>	10W x 2 built-in
<b>Enclosure</b>	Metal, Industrial
<b>Auto Brightness Control</b>	Ambient light sensor
<b>Mounting</b>	VESA: 200mm x 400mm
<b>Fanless</b>	Yes
<b>Line Voltage</b>	100-240V; 50/60Hz
<b>Power Consumption (typ)</b>	135W (standby: <0.5W)
<b>Display Technology</b>	Edge-lit LED LCD
<b>Haze</b>	1%
<b>Operating Temperature</b>	0° to +40°C (32° to 104°F) up to 3000m
<b>Humidity</b>	20 - 85% RH (non-condensing)
<b>Options / Features</b>	OPS slot, On/Off scheduling, Presets, TAA compliant
<b>Approvals</b>	FCC Class A, CE, cTUVus, RoHS
<b>Warranty</b>	3 years Advance Exchange
<b>Recommended Usage</b>	◆ Up to 24x7
<b>In the Box</b>	EP5824K display, power cord, HDMI cable, IR cable, remote control, and cable clamps
<b>UPC</b>	8 10689 00794 4

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

*Specifications are subject to change without notice.*

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