

Planar EP5824K-T

4K Interactive LCD Display

The Planar® EP5824K-T interactive display offers best-in-class 24x7 reliability with the stunning image quality of 4K resolution and 20-point simultaneous touch capability. 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-T delivers superior performance and reliability for demanding public venue, corporate and control room operations.



SPECIFICATION	DETAIL
Product Name	EP5824K-T
Planar Part Number	997-9251-00
Protective Glass	3mm with AG coating
Touch Technology	IR 20 point touch
OS Compatibility	Windows 7, 8, 10, Mac OSX and Linux
Display Resolution	Ultra HD (3840 x 2160)
HD format	4K UHD 2160p
Screen Size	58 in. (diagonal)
Aspect Ratio	16:9
Display Technology	Edge-lit LED LCD
Display Active Area	50.0" x 28.4" (1270.1mm x 721.4mm)
Viewing Angle (typ)	178°
Backlight	LED
Brightness (w/o touchscreen)	500 nits
Brightness (w/touchscreen)	450 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, Keypad
Cabinet Dimensions (W x H x D)	51.9" x 30.4" x 3.8" (1318.8mm x 772.2mm x 97.6mm)
Cabinet Dimensions with Handles (W x H x D)	51.9" x 30.4" x 3.9" (1318.8mm x 772.2mm x 99.0mm)
Orientation	Landscape/Portrait
Bezel Width	0.8" (21mm) left and right, 0.9" (22mm) top and bottom
Weight	118 lbs (53 kg)
Weight (Shipping)	132 lbs (60 kg)
Audio Output	PC Line Out, S/PDIF
Speakers	10W x 2 built-in
Enclosure	Metal, Industrial
Auto Brightness Control	Ambient light sensor
Mounting	VESA: 200mm x 400mm
Fanless	Yes
Line Voltage	100-240V; 50/60Hz
Power Consumption (typ)	135W (standby: <0.5W)
Operating Temperature	0° to +40°C (32° to 104°F) up to 3000m
Humidity	20 - 85% RH (non-condensing)
Options / Features	OPS slot, On/Off scheduling, Presets, TAA compliant
Approvals	FCC Class A, CE, cTUVus
Warranty	3 years Advance Exchange
Recommended Usage	Up to 24x7
In the Box	EP5824K-T display, power cord, HDMI cable, IR cable, USB A to B cable, remote control, TouchMark license key, and cable clamps
UPC	8 10689 00456 1

Specifications are subject to change without notice.

Specification Report Date: 9/19/2018

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