



# Planar EP5024K-T

## 4K Interactive LCD Display

The Planar® EP5024K-T display offers best-in-class 24x7 reliability with the stunning image quality of 4K resolution. The Ultra HD 50" 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 EP5024K-T delivers superior performance and reliability for demanding public venue, corporate and control room operations. The Planar EP5024K-T offers multi-touch and multi-user technology, making it easy for multiple users to collaborate and interact at the same time.



SPECIFICATION	DETAIL
Product Name	EP5024K-T
Planar Part Number	997-9249-02
Protective Glass	3mm with AG coating
Touch Technology	IR 20 point touch
OS Compatibility	Windows 7, 8, 10, 11, Mac OSX and Linux
Display Resolution	Ultra HD (3840 x 2160)
Screen Size	50 in. (diagonal)
Aspect Ratio	16:9
Display Active Area	43.1" x 24.3" (1095.8mm x 616.41mm)
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)	4000:1
Pixel Pitch	0.2854mm x 0.2854mm
Color Gamut	88% NTSC

<b>Display Color</b>	>1 billion colors. Full 10 bit data path
<b>External Connections</b>	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
<b>Modes</b>	3840x2160 @ 24/25/30/50/60Hz; 1080p @ 24/25/30/50/60Hz; 1080i @ 50/60 Hz; 480p, 576p, 720p @ 50/60 Hz
<b>Multi-Source Views</b>	PiP, Dual, Quad
<b>Display Control</b>	IR, RS-232, LAN, HDMI-CEC, Keypad
<b>Cabinet Dimensions (W x H x D)</b>	44.9" x 26.0" x 3.3" (1140.2mm x 659.6mm x 83.9mm)
<b>Cabinet Dimensions with Handles (W x H x D)</b>	Not Applicable
<b>Orientation</b>	Landscape/Portrait
<b>Bezel Width</b>	0.7" (17.7mm) left and right, 0.7" (17.1mm) top and bottom
<b>Weight</b>	78 lbs (35 kg)
<b>Weight (Shipping)</b>	93 lbs (42 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 200mm
<b>Fanless</b>	Yes
<b>Line Voltage</b>	100-240V; 50/60Hz
<b>Power Consumption (typ)</b>	115W (standby: <0.5W)
<b>Display Technology</b>	Edge-lit LED LCD
<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>	EP5024K-T display, power cord, HDMI cable, IR cable, USB A to B cable, remote control, and cable clamps
<b>UPC</b>	8 10689 00793 7

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

*Specifications are subject to change without notice.*

*Specification Report Date: 5/22/2023*

*© Copyright 2023 Planar Systems, Inc. All rights reserved*