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-Tdelivers 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, 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

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
Cabinet Dimensions (W x H x D)	44.9" x 26.0" x 3.3" (1140.2mm x 659.6mm x 83.9mm)
Cabinet Dimensions with Handles (W x H x D)	Not Applicable
Orientation	Landscape/Portrait
Bezel Width	0.7" (17.7mm) left and right, 0.7" (17.1mm) top and bottom
Weight	78 lbs (35 kg)
Weight (Shipping)	93 lbs (42 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 200mm
Fanless	Yes
Line Voltage	100-240V; 50/60Hz
Power Consumption (typ)	115W (standby: <0.5W)
Display Technology	Edge-lit LED LCD
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, RoHS
Warranty	3 years Advance Exchange
Recommended Usage	Up to 24x7
In the Box	EP5024K-T display, power cord, HDMI cable, IR cable, USB A to B cable, remote control, TouchMark license key (one time download), and cable clamps
UPC	8 10689 00793 7

For more information, please visit www.planar.com

Specifications are subject to change without notice.

Specification Report Date: 6/22/2021