



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 | 997-9251-02 |
| 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 | 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 (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 |

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| 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) | 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) |
| 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 | EP5824K-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 00795 1 |

For more information, please visit www.planar.com

Specifications are subject to change without notice.

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