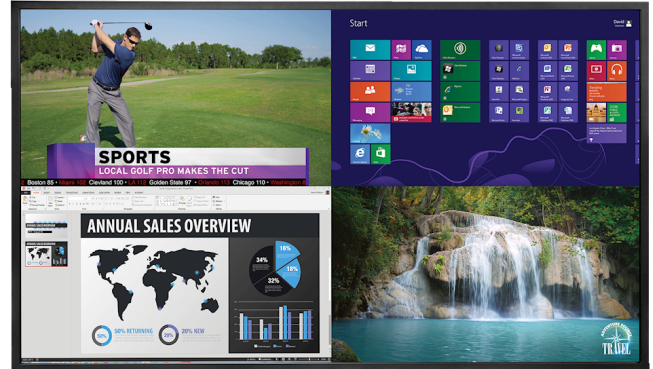




Planar EP5024K

4K LCD Display

The Planar® EP5024K 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 delivers superior performance and reliability for demanding public venue, corporate and control room operations.



| SPECIFICATION | DETAIL |
|----------------------|--|
| Product Name | EP5024K |
| Planar Part Number | 997-9248-00 |
| Display Resolution | Ultra HD (3840 x 2160) |
| HD format | 4K UHD 2160p |
| Screen Size | 50 in. (diagonal) |
| Aspect Ratio | 16:9 |
| Display Technology | Edge-lit LED LCD |
| Display Active Area | 43.1" x 24.3" (1095.8mm x 616.41mm) |
| Viewing Angle (typ) | 178° |
| Backlight | LED |
| Brightness (typ) | 500 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, Keypad |
| Cabinet Dimensions (W x H x D) | 44.9" x 26.0" x 2.6" (1140.2mm x 659.6mm x 67.4mm) |
| Cabinet Dimensions with Handles (W x H x D) | Not Applicable |
| Orientation | Landscape/Portrait |
| Bezel Width | 0.8" (21.1mm) left and right, 0.8" (20.6mm) top and bottom |
| Weight | 62 lbs (28 kg) |
| Weight (Shipping) | 77 lbs (35 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) |
| 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 | EP5024K display, power cord, HDMI cable, IR cable, remote control, and cable clamps |
| UPC | 8 10689 00453 0 |

For more information, please visit www.planar.com

Specifications are subject to change without notice.

Specification Report Date: 12/18/2018

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