

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 multisource 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

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 3.0 X 1 Modes 3840x2160 @ 24/2/5/30/50/60Hz; 1080p @ 24/25/30/50/60Hz; 1080i @ 50/60 Hz; 480p, 576p, 720p @ 50/60 Hz; 480p, 576p, 720p, 570p, 570		
Multi-Source Views PiP, Dual, Quad Display Control IR, RS-232, LAN, HDMI-CEC, Keypad Cabinet Dimensions (W x H x D) Cabinet Dimensions with Handles (W x H x D) Cabinet Dimensions with Handles (W x H x D) Crientation 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 Mounting VESA: 200mm x 400mm Fanless Yes Line Voltage 100-240V; 50/60Hz Power Consumption (typ) 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 Approvals FCC Class A, CE, cTUVus, RoHS Warranty 3 years Advance Exchange Recommended Usage 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	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
Display Control Cabinet Dimensions (W x H x D) Cabinet Dimensions with Handles (W x H x D) Cabinet Dimensions with Handles (W x H x D) Crientation Landscape/Portrait Bezel Width 0.8" (21mm) left and right, 0.9" (22mm) top and bottom 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 Mounting VESA: 200mm x 400mm Fanless Line Voltage 100-240V; 50/60Hz Power Consumption (typ) 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 Approvals FCC Class A, CE, cTUVus, RoHS Warranty Recommended Usage 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	Modes	3840x2160 @ 24/25/30/50/60Hz; 1080p @ 24/25/30/50/60Hz; 1080i @ 50/60 Hz; 480p, 576p, 720p @ 50/60 Hz
Cabinet Dimensions (W x H x D) Cabinet Dimensions with Handles (W x H x D) Cabinet Dimensions with Handles (W x H x D) Crientation Landscape/Portrait Bezel Width 0.8" (21mm) left and right, 0.9" (22mm) top and bottom Weight 118 lbs (53 kg) Weight (Shipping) Audio Output PC Line Out, S/PDIF Speakers 10W x 2 built-in Enclosure Metal, Industrial Auto Brightness Control Mounting VESA: 200mm x 400mm Fanless Line Voltage Power Consumption (typ) 135W (standby: <0.5W) Display Technology Operating Temperature Humidity Options / Features Approvals FCC Class A, CE, cTUVus, RoHS Warranty Recommended Usage 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	Multi-Source Views	PiP, Dual, Quad
Cabinet Dimensions with Handles (W x H x D) Cabinet Dimensions with Handles (W x H x D) Crientation Landscape/Portrait Bezel Width 0.8" (21mm) left and right, 0.9" (22mm) top and bottom Weight 118 lbs (53 kg) Weight (Shipping) Audio Output PC Line Out, S/PDIF Speakers 10W x 2 built-in Enclosure Metal, Industrial Auto Brightness Control Mounting VESA: 200mm x 400mm Fanless Line Voltage 100-240V; 50/60Hz Power Consumption (typ) Display Technology Edge-lit LED LCD Operating Temperature Humidity 20 - 85% RH (non-condensing) Options / Features Approvals FCC Class A, CE, cTUVus, RoHS Warranty Recommended Usage Up to 24x7 In the Box Endscape/Portrait 1318.8mm x 772.2mm x 99.0mm) 14318.8mm x 772.2mm x 99.0mm) Handles (W x H x D) 14318.8mm x 772.2mm x 99.0mm) Handles (W x H x D) 14318.8mm x 772.2mm x 99.0mm) Handles (W x H x D) 14318.8mm x 772.2mm x 99.0mm) Handles (W x H x D) 14318.8mm x 772.2mm x 99.0mm) Handles (W x H x D) 14318.8mm x 772.2mm x 99.0mm) Handles (W x H x D) 14318.8mm x 772.2mm x 99.0mm) Handles (W x H x D) 14318.8mm x 772.2mm x 99.0mm) Handles (W x H x D) 14318.8mm x 772.2mm x 99.0mm) Handles (W x H x D) 14318.8mm x 772.2mm x 99.0mm) Handles (W x H x D) 14318.8mm x 772.2mm x 99.0mm) Handles (W x H x D) 14318.8mm x 772.2mm x 99.0mm) 14408.10.9° (22mm) top and bottom 14518.10.9° (22mm) top and bottom 14519.10.9° (22mm) top and bottom 145	Display Control	IR, RS-232, LAN, HDMI-CEC, Keypad
Handles (W x H x D) 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 Mounting VESA: 200mm x 400mm Fanless Line Voltage 100-240V; 50/60Hz Power Consumption (typ) 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 Approvals FCC Class A, CE, cTUVus, RoHS Warranty 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		51.9" x 30.4" x 3.8" (1318.8mm x 772.2mm x 97.6mm)
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 Mounting VESA: 200mm x 400mm Fanless Yes Line Voltage 100-240V; 50/60Hz Power Consumption (typ) 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 Approvals FCC Class A, CE, cTUVus, RoHS Warranty Recommended Usage 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		51.9" x 30.4" x 3.9" (1318.8mm x 772.2mm x 99.0mm)
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 Mounting VESA: 200mm x 400mm Fanless Yes Line Voltage 100-240V; 50/60Hz Power Consumption (typ) 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 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	Orientation	Landscape/Portrait
Weight (Shipping) Audio Output PC Line Out, S/PDIF Speakers 10W x 2 built-in Enclosure Metal, Industrial Auto Brightness Control Mounting VESA: 200mm x 400mm Fanless Line Voltage 100-240V; 50/60Hz Power Consumption (typ) Display Technology 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 Recommended Usage Up to 24x7 In the Box In the B	Bezel Width	0.8" (21mm) left and right, 0.9" (22mm) top and bottom
Audio Output Speakers 10W x 2 built-in Enclosure Metal, Industrial Auto Brightness Control Ambient light sensor WesA: 200mm x 400mm Fanless Yes Line Voltage 100-240V; 50/60Hz Power Consumption (typ) 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 Recommended Usage Up to 24x7 In the Box Petaline Out, S/PDIF 100 x 2 built-in Ambient light sensor VESA: 200mm x 400mm VESA: 200mm x	Weight	118 lbs (53 kg)
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	Weight (Shipping)	132 lbs (60 kg)
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	Audio Output	PC Line Out, S/PDIF
Auto Brightness Control Mounting VESA: 200mm x 400mm 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	Speakers	10W x 2 built-in
MountingVESA: 200mm x 400mmFanlessYesLine Voltage100-240V; 50/60HzPower Consumption (typ)135W (standby: <0.5W)	Enclosure	Metal, Industrial
Fanless 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	Auto Brightness Control	Ambient light sensor
Line Voltage100-240V; 50/60HzPower Consumption (typ)135W (standby: <0.5W)Display TechnologyEdge-lit LED LCDOperating Temperature0° to +40°C (32° to 104°F) up to 3000mHumidity20 - 85% RH (non-condensing)Options / FeaturesOPS slot, On/Off scheduling, Presets, TAA compliantApprovalsFCC Class A, CE, cTUVus, RoHSWarranty3 years Advance ExchangeRecommended UsageUp to 24x7In the BoxEP5824K-T display, power cord, HDMI cable, IR cable, USB A to B cable, remote control, TouchMark license key (one time download), and cable clamps	Mounting	VESA: 200mm x 400mm
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	Fanless	Yes
Display Technology Displa	Line Voltage	100-240V; 50/60Hz
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	Power Consumption (typ)	135W (standby: <0.5W)
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	Display Technology	Edge-lit LED LCD
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	Operating Temperature	0° to +40°C (32° to 104°F) up to 3000m
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	Humidity	20 - 85% RH (non-condensing)
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	Options / Features	OPS slot, On/Off scheduling, Presets, TAA compliant
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	Approvals	FCC Class A, CE, cTUVus, RoHS
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	Warranty	3 years Advance Exchange
control, TouchMark license key (one time download), and cable clamps	Recommended Usage	Up to 24x7
UPC 8 10689 00795 1	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.

Specification Report Date: 6/22/2021

© Copyright 2021 Planar Systems, Inc. All rights reserved