

# PLANAR

# LARGE FORMAT LCD DISPLAY FEATURES COMPARISON



## Standard Models

	Planar® UltraRes™ P Series	Planar® 21by9 Series	Planar® Simplicity™ P Series	Planar® Simplicity™ E Series
<b>Sizes</b>	49", 55", 65", 75", 86", 98"	81", 94", 105"	43", 50", 75", 86"	43", 50", 55", 65", 75", 86", 98"
<b>Brightness</b>	✓ 700 nits	✓ 700   1000 nits	500 nits	500 nits
<b>Peak Brightness</b>	--	✓ 1200   2500   1800 nits	--	--
<b>Color Gamut</b>	✓ 90%	✓ 120%   114%   108%	72%	DCI-P3 90%
<b>HDR</b>	✓ HDR10	✓ HDR10, HDR10+, VESA HDR	--	--
<b>Local Dimming</b>	--	✓ 1792   2560   2560 zones	--	--
<b>Orientation</b>	✓ Landscape, Portrait	✓ Landscape, Portrait	✓ Landscape, Portrait	✓ Landscape, Portrait
<b>U.S. TAA Compliant</b>	✓	✓ TAA and Non-TAA models available	--	--
<b>ENERGY STAR Certified</b>	✓	✓	✓	✓
<b>Security Features</b>	✓ Signed & Encrypted Firmware: All can disable communication interfaces, SSH*	✓ Signed and encrypted firmware, ability to disable communication interfaces, Secure Shell (SSH) EN 303 645 certified	✓ Secure Shell (SSH) protocol, EN 303 645 certified	--
<b>Outputs</b>	--	✓ HDMI 2.1	--	--
<b>Inputs: DisplayPort</b>	✓ DP2.0	✓ DP2.1	--	--
<b>Inputs: HDMI</b>	✓ HDMI 2.1	✓ HDMI 2.1 (ARC, eARC)	✓ HDMI 2.0	✓ HDMI 2.0 (ARC, eARC)
<b>Inputs: HDMI-CEC</b>	✓	✓	✓	✓
<b>Inputs: HDCP</b>	✓ 2.2	✓ 2.3	✓ 2.2	✓ 2.2
<b>Inputs: LAN RJ45, RS232</b>	✓	✓	✓	✓
<b>Inputs: WiFi, BlueTooth</b>	--	--	--	✓
<b>Inputs: USB</b>	✓	✓ USB-A x 3	✓ USB, MicroSD, internal storage, web page and embedded cloud-based content app (requires subscription)	✓
<b>Inputs: USB-C</b>	✓ USB-C (90W PD) x1	✓ USB-C (90W PD) x1	✓	--
<b>Image adjustments by source</b>	✓	✓	--	--
<b>Scheduling</b>	✓	✓	✓	✓
<b>Presets</b>	✓	--	--	--
<b>Media Playback</b>	--	--	✓ USB	✓ USB
<b>Browser</b>	--	--	✓	✓
<b>SNMP<sup>2</sup></b>	✓	--	--	--
<b>Remote Monitoring<sup>3</sup> (email notifications)</b>	✓	--	--	--
<b>Audio Speakers</b>	✓	✓	✓	✓
<b>24x7 Operation</b>	✓	✓	✓	✓
<b>Metal Enclosure</b>	✓	✓	✓ Rear enclosure	✓ Select models
<b>Warranty Included</b>	✓ 3-year	✓ 3-year	✓ 3-year	✓ 3-year
<b>Ideal Applications</b>	Digital branding & signage Collaboration Education Retail Public spaces	Corporate office Home office Meeting room collaboration	Retail Medical offices Reception areas Restaurants Hospitality	Digital branding & signage Education Wayfinding Restaurants Public spaces

\*Planar ERO-LCD™ protection — Proprietary, optically bonded protective glass process that improves contrast and overall durability for high-traffic environments

\*SSH - Secure Shell Protocol

<sup>2</sup>SNMP- Simple Network Managing Protocol, allows monitoring and control of the display over a network

<sup>3</sup>Remote Monitoring — subset of SNMP; diagnostics for individual display components and display settings



# Interactive Touch Models

	Planar® UltraRes™ P Series Touch	Planar® 21by9 Series Touch	Planar® Simplicity™ P Series Touch
<b>Sizes</b>	49", 55", 65", 75", 86", 98"	81", 94", 105"	43", 50", 75", 86"
<b>Touch technology</b>	✓ Projected Capacitive (PCAP)	✓ Projected Capacitive (PCAP)	✓ Projected Capacitive (PCAP)
<b>Touch points, simultaneous</b>	50 points	50 points	20 points
<b>Fine Tip Stylus Support</b>	✓ Passive stylus (included)	✗ Passive stylus (optional)	✓ Passive stylus (included)
<b>Brightness (with touchscreen)</b>	700 nits	630   1000 nits	400 nits
<b>Peak Brightness (with protective glass)</b>	--	✓ 1200   2500   1800 nits	--
<b>Color Gamut</b>	90%	✓ 120%   114%   108%	72%
<b>HDR</b>	✓ HDR10	✓ HDR10, HDR10+, VESA HDR	--
<b>Local Dimming</b>	--	✓ 1792   2560   2560 zones	--
<b>Orientation</b>	✓ Landscape, Portrait	✓ Landscape, Portrait	✓ Landscape, Portrait
<b>Cover Glass</b>	✓ Optically Bonded *3mm, AG Coating	✓ Optically Bonded *3mm, AG Coating	✗ 2mm, AG Coating
<b>U.S. TAA Compliant</b>	✓	✗ TAA and Non-TAA models available	--
<b>ENERGY STAR® Certified</b>	✓	✓	✓
<b>Security Features</b>	✓ Signed & Encrypted Firmware: All can disable communication interfaces, SSH*	✓ Signed and encrypted firmware, ability to disable communication interfaces, Secure Shell (SSH) EN 303 645 certified	✓ Secure Shell (SSH) protocol, EN 303 645 certified
<b>Outputs</b>	--	✓ HDMI 2.1	--
<b>Inputs: DisplayPort</b>	✗ DP2.0	✓ DP2.1	--
<b>Inputs: HDMI®</b>	✓ HDMI 2.1	✓ HDMI 2.1 (ARC, eARC)	✗ HDMI 2.0
<b>Inputs: HDMI-CEC</b>	✓	✓	--
<b>Inputs: HDCP</b>	✗ 2.2	✓ 2.3	✗ 2.2
<b>Inputs: LAN RJ45, RS232</b>	✓	✓	✓
<b>Inputs: USB</b>	✓	✓ USB-A x3, USB-B x1	✓
<b>Inputs: USB-C</b>	✓ USB-C (90W PD) x 1	✓ USB-C (90W PD) x 1	✓ USB-C (65W PD) x 1
<b>Image adjustments by source</b>	✓	✓	--
<b>Scheduling</b>	✓	✓	✓
<b>Presets</b>	✓	--	--
<b>Media Playback</b>	--	--	✓ USB, MicroSD, internal storage, web page and embedded cloud-based content app (requires subscription)
<b>Browser</b>	--	--	✓
<b>SNMP<sup>2</sup></b>	✓	--	--
<b>Remote Monitoring<sup>3</sup> (email notifications)</b>	✓	--	--
<b>Audio Speakers</b>	✓	✓	✓
<b>24x7 Operation</b>	✓	✓	✓
<b>Metal Enclosure</b>	✓	✓	✗ Rear enclosure
<b>Warranty Included</b>	✓ 3-year	✓ 3-year	✓ 3-year
<b>Ideal Applications</b>	Digital branding & signage Collaboration Education Retail Public spaces	Corporate office Home office Meeting room collaboration	Retail Medical offices Reception areas Restaurants Hospitality

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