

PLANAR

LARGE FORMAT LCD DISPLAY FEATURES COMPARISON



Standard Models

	Planar® UltraRes™ P Series		Planar® 21by9 Series		Planar® Simplicity™ P Series		Planar® Simplicity™ E Series	
Sizes	49", 55", 65", 75", 86", 98"		81", 94", 105"		43", 50", 55", 65", 75", 86"		43", 50", 55", 65", 75", 86", 98"	
Brightness	✓	700 nits	✓	700 1000 nits		500 nits		500 nits
Peak Brightness	--		✓	1200 2500 1800 nits	--		--	
Color Gamut	✓	90%	✓	120% 114% 108%		72%		DCI-P3 90%
HDR	✓	HDR10	✓	HDR10, HDR10+, VESA HDR	--		--	
Local Dimming	--		✓	1792 2560 2560 zones	--		--	
Orientation	✓	Landscape, Portrait	✓	Landscape, Portrait	✓	Landscape, Portrait	✓	Landscape, Portrait
U.S. TAA Compliant	✓		✓		--		--	
ENERGY STAR Certified	✓		✓		✓		✓	
Security Features	✓	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	--	
Outputs	--		✓	HDMI 2.1	--		--	
Inputs: DisplayPort	✓	DP2.0	✓	DP2.1	--		--	
Inputs: HDMI	✓	HDMI 2.1	✓	HDMI 2.1 (ARC, eARC)	✓	HDMI 2.0	✓	HDMI 2.0 (ARC, eARC)
Inputs: HDMI-CEC	✓		✓		✓		✓	
Inputs: HDCP	✓	2.2	✓	2.3	✓	2.2	✓	2.2
Inputs: LAN RJ45, RS232	✓		✓		✓		✓	
Inputs: WiFi, BlueTooth	--		--		--		✓	
Inputs: USB	✓		✓	USB-A x 3	✓	USB, MicroSD, internal storage, web page and embedded cloud-based content app (requires subscription)	✓	
Inputs: USB-C	✓	USB-C (90W PD) x1	✓	USB-C (90W PD) x1	✓		--	
Image adjustments by source	✓		✓		--		--	
Scheduling	✓		✓		✓		✓	
Preset	✓		--		--			
Media Playback	--		--		✓	USB	✓	USB
Browser	--		--		✓		✓	
SNMP²	✓		--		--		--	
Remote Monitoring³ (email notifications)	✓		--		--		--	
Audio Speakers	✓		✓		✓		✓	
24x7 Operation	✓		✓		✓		✓	
Metal Enclosure	✓		✓		✓	Rear enclosure	✓	Select models
Warranty Included	✓	3-year	✓	3-year	✓	3-year	✓	3-year
Ideal Applications	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

*SNMP- Simple Network Managing Protocol, allows monitoring allows monitoring and control of the display over a network

*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	
Sizes	49", 55", 65", 75", 86", 98"		81", 94", 105"		43", 50, 55", 65", 75", 86"	
Touch technology	✓	Projected Capacitive (PCAP)	✓	Projected Capacitive (PCAP)	✓	Projected Capacitive (PCAP)
Touch points, simultaneous	50 points		50 points		20 points	
Fine Tip Stylus Support	✓	Passive stylus (included)	✓	Passive stylus (optional)	✓	Passive stylus (included)
Brightness (with touchscreen)	✓	700 nits	✓	630 1000 nits	400 nits	
Peak Brightness (with protective glass)	--		✓	1200 2500 1800 nits	--	
Color Gamut	✓	90%	✓	120% 114% 108%	72%	
HDR	✓	HDR10	✓	HDR10, HDR10+, VESA HDR	--	
Local Dimming	--		✓	1792 2560 2560 zones	--	
Orientation	✓	Landscape, Portrait	✓	Landscape, Portrait	✓	Landscape, Portrait
Cover Glass	✓	Optically Bonded *3mm, AG Coating	✓	Optically Bonded *3mm, AG Coating	✓	2mm, AG Coating
U.S. TAA Compliant	✓		✓		--	
ENERGY STAR® Certified	✓		✓		✓	
Security Features	✓	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
Outputs	--		✓	HDMI 2.1	--	
Inputs: DisplayPort	✓	DP2.0	✓	DP2.1	--	
Inputs: HDMI®	✓	HDMI 2.1	✓	HDMI 2.1 (ARC, eARC)	✓	HDMI 2.0
Inputs: HDMI-CEC	✓		✓		--	
Inputs: HDCP	✓	2.2	✓	2.3	✓	2.2
Inputs: LAN RJ45, RS232	✓		✓		✓	
Inputs: USB	✓		✓	USB-A x3, USB-B x1	✓	
Inputs: USB-C	✓	USB-C (90W PD) x 1	✓	USB-C (90W PD) x 1	✓	USB-C (65W PD) x 1
Image adjustments by source	✓		✓		--	
Scheduling	✓		✓		✓	
Presets	✓		--		--	
Media Playback	--		--		✓	USB, MicroSD, internal storage, web page and embedded cloud-based content app (requires subscription)
Browser	--		--		✓	
SNMP ²	✓		--		--	
Remote Monitoring ³ (email notifications)	✓		--		--	
Audio Speakers	✓		✓		✓	
24x7 Operation	✓		✓		✓	
Metal Enclosure	✓		✓		✓	Rear enclosure
Warranty Included	✓	3-year	✓	3-year	✓	3-year
Ideal Applications	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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