PLANAR

LARGE FORMAT LCD DISPLAY FEATURES COMPARISON



Standard Models

	Planar® UltraRes™ P Series	Planar® 21by9 Series	Planar® Simplicity™ E Series
Sizes	49", 55", 65", 75", 86", 98"	81", 94", 105"	43", 50", 55", 65", 75", 86", 98"
Brightness	✓ 700 nits	✓ 700 | 1000 nits	500 nits
Peak Brightness	--	✓ 1200 | 2500 | 1800 nits	--
Color Gamut	✓ 90%	✓ 120% | 114% |108%	DCI-P3 90%
HDR	✓ HDR10	✓ HDR10, HDR10+, VESA HDR	--
Local Dimming	--	✓ 1792 | 2560 | 2560 zones	--
Orientation	✓ Landscape, Portrait	✓ Landscape, Portrait	✓ Landscape, Portrait
U.S. TAA Compliant	✓	✓ TAA and Non-TAA models available	--
ENERGY STAR® Certified	✓	✓	✓
Security Features	✓ Signed and encrypted firmware, ability to disable communication interfaces, Secure Shell (SSH) EN 303 645 certified	✓ Signed and encrypted firmware, ability to disable communication interfaces, Secure Shell (SSH) EN 303 645 certified	--
Display Control	IR, RS-232, LAN, HDMI-CEC, Keypad, Web Browser Interface, Cloud Monitoring via Planar® WallDirector™ Cloud	IR, RS-232, LAN (Gigabit), HDMI-CEC, Keypad	IR, RS-232, LAN, HDMI-CEC
Outputs	--	✓ HDMI 2.1	--
Inputs: *DisplayPort*	✓ DP2.0	✓ DP2.1	--
Inputs: *HDMI*	✓ HDMI 2.1	✓ HDMI 2.1 (ARC, eARC)	✓ HDMI 2.0 (ARC, eARC)
Inputs: *HDMI-CEC*	✓	✓	✓
Inputs: *HDCP*	✓ 2.2	✓ 2.3	✓ 2.2
Inputs: *WiFi, BlueTooth*	--	--	✓
Inputs: *USB*	✓	✓ USB-A x 3	✓
Inputs: *USB-C*	✓ USB-C (90W PD) x1	✓ USB-C (90W PD) x1	--
Image adjustments by source	✓	✓	--
Scheduling	✓	✓	✓
Presets	✓	--	
Media Playback	--	--	✓ USB
Browser	--	--	✓
SNMP²	✓	--	--
Remote Monitoring³ *(email notifications)*	✓	--	--
Audio Speakers	✓	✓	✓
24x7 Operation	✓	✓	✓
Metal Enclosure	✓	✓	✓ Select models
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	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

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

³Remote Monitoring — subset of SNMP; diagnostics for individual display components and display settings

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Interactive Touch Models

	Planar® UltraRes™ P Series Touch		Planar® 21by9 Series Touch	
Sizes		49", 55", 65", 75", 86", 98"		81", 94", 105"
Touch technology	✓	Projected Capacitive (PCAP)	✓	Projected Capacitive (PCAP)
Touch points, simultaneous		50 points		50 points
Fine Tip Stylus Support	✓	Passive stylus (included)	✓	Passive stylus (optional)
Brightness *(with touchscreen)*	✓	700 nits	✓	630 | 1000 nits
Peak Brightness *(with protective glass)*	--		✓	1200 | 2500 | 1800 nits
Color Gamut	✓	90%	✓	120% | 114% | 108%
HDR	✓	HDR10	✓	HDR10, HDR10+, VESA HDR
Local Dimming	--		✓	1792 | 2560 | 2560 zones
Orientation	✓	Landscape, Portrait	✓	Landscape, Portrait
Cover Glass	✓	Optically Bonded *3mm, AG Coating	✓	Optically Bonded *3mm, AG Coating
U.S. TAA Compliant	✓		✓	TAA and Non-TAA models available
ENERGY STAR® Certified	✓		✓	
Security Features	✓	Signed and encrypted firmware, ability to disable communication interfaces, Secure Shell (SSH) EN 303 645 certified	✓	Signed and encrypted firmware, ability to disable communication interfaces, Secure Shell (SSH) EN 303 645 certified
Display Control		IR, RS-232, LAN, HDMI-CEC, Keypad, Web Browser Interface, Cloud Monitoring via Planar® WallDirector™ Cloud		IR, RS-232, LAN (Gigabit), HDMI-CEC, Keypad
Outputs	--		✓	HDMI 2.1
Inputs: *DisplayPort*	✓	DP2.0	✓	DP2.1
Inputs: *HDMI®*	✓	HDMI 2.1	✓	HDMI 2.1 (ARC, eARC)
Inputs: *HDMI-CEC*	✓		✓	
Inputs: *HDCP*	✓	2.2	✓	2.3
Inputs: *USB*	✓		✓	USB-A x3, USB-B x1
Inputs: *USB-C*	✓	USB-C (90W PD) x 1	✓	USB-C (90W PD) x 1
Image adjustments by source	✓		✓	
Scheduling	✓		✓	
Presets	✓		--	
Media Playback	--		--	
Browser	--		--	
SNMP [2]	✓		--	
Remote Monitoring [3] *(email notifications)*	✓		--	
Audio Speakers	✓		✓	
24x7 Operation	✓		✓	
Metal Enclosure	✓		✓	
Warranty Included	✓	3-year	✓	3-year
Ideal Applications		Digital branding & signage Collaboration Education Retail Public spaces		Corporate office Home office Meeting room collaboration
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[3]Remote Monitoring — subset of SNMP; diagnostics for individual display components and display settings

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