4K LARGE FORMAT LCD DISPLAY FEATURES COMPARISON

Planar Standard 4K Models

	Planar® UltraRes™ X Series	Planar® UltraRes™ P Series	Planar® QE Series	Planar® EP Series	Planar® PS Series 4K	Planar® Simplicity™ M Series
Sizes	75", 85", 100"	75"	86", 98"	50", 58", 65"	50", 55", 65"	43", 50", 55", 65", 75", 86"
Brightness	✓ 700 nits	500 nits	500 nits (86") 400 nits (98")	500 nits	550 nits (50", 55") 450 nits (65")	500 nits
Color Gamut	✓ 90%, 88%, 98%	72%	72%	88%, 88%, 72%	72%	72% / 68%
HDR	✓ Yes	--	--	--	--	--
BackLight type: Edge-lit LED LCD	✓	--	✓ 86"	✓ 50", 58"	--	--
BackLight type: Direct-lit LED LCD	✓ 75", 85", 100"	✓	✓ 98"	✓ 65"	✓	✓
Orientation	✓ Landscape, Portrait	✓ Landscape, Portrait	✓ Landscape, Portrait	✓ Landscape, Portrait	✓ Landscape, Portrait	✓ Landscape
ERO protection *	✓ Gorilla Glass 2mm AG (75", 85") Soda-lime Glass 3mm AR (100")	--	--	--	--	--
Profile depth	✓ <4", ADA compliant	--	--	--	--	--
Outputs	✓ DisplayPort 1.2	--	--	--	--	--
Inputs: OPS	✓	--	--	✓	--	--
Inputs: DisplayPort 1.2	✓	✓	✓	✓	✓	--
Inputs: HDMI 1.4 (4K @ 30Hz)	✓	✓	✓	✓	--	--
Inputs: HDMI 2.0 (4K @ 60Hz)	✓	✓	✓	✓	✓	✓
Inputs: HDCP 2.2	✓	✓	✓	✓	✓	✓
Inputs: LAN RJ45, RS232	✓	✓	✓	✓	✓	✓
Inputs: USB	✓ via OPS	--	--	✓ via OPS	✓ Embedded Player	--
Inputs: HDMI-CEC	✓	✓	--	✓ Select Models	✓	✓
Image adjustments by source	✓	✓	✓	✓ Limited	--	--
Scheduling	✓	✓	✓	✓	--	--
Presets	✓	✓	--	✓ Limited	--	--
Media playback	✓ via OPS	--	--	✓ via OPS	✓ USB (Limited) Android OS	USB
WiFi	--	--	--	--	✓ Select Models	--
Browser	✓ via OPS	--	--	✓ via OPS	--	✓
SNMP ²	✓	✓	✓	✓	✓	--
Remote monitoring ³ (email notifications)	✓	✓	✓	✓	✓	--
Mobile app	✓	✓	✓	✓	--	--
Video wall tiling	✓	--	--	--	--	--
Serviceability ¹ (kickstand, removable tray)	✓	--	--	--	--	--
Audio speakers	✓	✓	✓	✓	✓	✓
24x7 operation	✓	✓	✓	✓	✓	--
Metal enclosure	✓	✓	✓	✓	--	✓ 75", 86"
Redundant power ⁴	✓	--	--	--	--	--
Warranty included	✓ 3-year	✓ 3-year	✓ 3-year	✓ 3-year	✓ 3-year	✓ 2-year

*ERO protection — proprietary, protective bonded glass process that improves contrast and overall durability for high-traffic environments

¹Field Serviceability — ability to swap most primary electronic components in the field

²SNMP — (Simple Network Managing Protocol) allows monitoring and control of the display over a network

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

⁴Redundant power — reduces downtime in the event of a power supply failure

Planar Interactive Touch 4K Models

	Planar® HB Series Huddle Board	Planar® UltraRes™ P Series Touch	Planar® QE Series Touch	Planar® EP Series Touch	Planar® PS Series 4K Touch
Sizes	75", 86"	75"	86", 98"	50", 58", 65"	50", 55", 65"
Touch technology	In-Cell Projected Capacitive (PCAP)	Infrared (IR), HID-compliant	Infrared (IR), HID-compliant	Infrared (IR), HID-compliant	Infrared (IR), HID-compliant
Touch points, simultaneous	20 points	20 points	20 points	20 points	20 points
Fine Tip Stylus Support	Passive & Active (included)	✓	--	--	--
Brightness (with touchscreen)	350 nits	450 nits	450 nits (86") 360 nits (98")	450 nits	500 nits (50", 55") 400 nits (65")
Color Gamut	72%	72%	72%	88%, 88%, 72%	72%
HDR	--	--	--	--	--
BackLight type: *Edge-lit LED LCD*	--	--	86"	50", 58"	--
BackLight type: *Direct-lit LED LCD*	✓	✓	98"	65"	✓
Orientation	Landscape	Landscape, Portrait	Landscape, Portrait (86")	Landscape, Portrait	Landscape, Portrait
ERO protection*	2mm glass w/ AG coating	Gorilla Glass 2mm AG	Gorilla Glass 2mm AG (86") Soda-lime Glass 3mm AR (98")	3mm glass w/ AG coating	4mm glass w/ AG coating
Profile depth	--	--	--	--	--
Outputs	HDMI	--	--	--	--
Inputs: *OPS*	✓	--	--	✓	--
Inputs: *DisplayPort 1.2*	✓	✓	✓	✓	✓
Inputs: *HDMI 1.4 (4K @ 30Hz)*	--	✓	✓	✓	--
Inputs: *HDMI 2.0 (4K @ 60Hz)*	✓	✓	✓	✓	✓
Inputs: *HDCP 2.2*	✓	✓	✓	✓	✓
Inputs: *LAN RJ45, RS232*	✓	✓	✓	✓	✓
Inputs: *USB*	✓	--	--	via OPS	Embedded Player
Inputs: *HDMI-CEC*	--	✓	--	Select Models	✓
Image adjustments by source	--	✓	✓	Limited	--
Scheduling	--	✓	✓	✓	--
Presets	--	✓	--	Limited	--
Media playback	USB Android OS	--	--	via OPS	USB (Limited) Android OS
Browser	✓	--	--	via OPS	--
WiFi	✓	--	--	--	Select Models
SNMP [2]	✓	✓	✓	✓	✓
Remote monitoring [3] *(email notifications)*	--	✓	✓	✓	✓
Mobile app	--	✓	--	--	--
Video wall tiling	--	--	--	--	--
Serviceability [1] *(kickstand, removable tray)*	--	--	--	--	--
Audio speakers	✓	✓	✓	✓	✓
24x7 operation	--	✓	✓	✓	✓
Metal enclosure	✓	✓	✓	✓	Metal Front Bezel
Redundant power [4]	--	--	--	--	--
Warranty included	3-year	3-year	3-year	3-year	3-year
U.S. TAA Compliant	✓	✓	✓	✓	✓

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[2] SNMP — (Simple Network Managing Protocol) allows monitoring and control of the display over a network

[3] Remote monitoring — subset of SNMP; diagnostics for individual display components and display settings

[4] Redundant power — reduces downtime in the event of a power supply failure