4K LARGE FORMAT LCD DISPLAY FEATURES COMPARISON

Planar Standard 4K Models

	Planar® UltraRes™ Series	Planar® QE Series	Planar® EP Series	Planar® EPX Series	Planar® PS Series 4K	Planar® Simplicity™ Series 4K
Sizes	75", 86", 98"	75", 86", 98"	50", 58", 65"	100"	50", 55", 65"	43", 50", 55", 65", 75", 86"
Brightness	500 nits	500 nits (75", 86") 400 nits (98")	500 nits	700 nits	550 nits (50", 55") 450 nits (65")	350 nits (43", 50", 55", 65") 410 nits (75", 86")
BackLight type: Edge-lit LED LCD	✓ 75", 86"	✓ 75", 86"	✓ 50", 58"	--	--	✓
BackLight type: Direct-lit LED LCD	✓ 98"	✓ 98"	✓ 65"	✓	✓	--
Orientation	✓ Landscape, Portrait	✓ Landscape, Portrait	✓ Landscape, Portrait	✓ Landscape, Portrait	✓ Ladscape, Portrait	✓ Landscape
ERO protection *	✓ Gorilla Glass	--	--	--	--	--
Profile depth	✓ <4", ADA compliant	--	--	--	--	--
Outputs: DisplayPort 1.2	✓	--	--	--	--	--
Inputs: OPS	✓	--	✓	✓	--	✓ 65", 75", 86"
Inputs: DisplayPort 1.2	✓	✓	✓	✓	✓	✓ 65", 75", 86"
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	✓ via OPS	✓ Embedded Player	✓ via OPS (65", 75", 86")
Image adjustments by source	✓	✓	✓ Limited	✓ Limited	--	--
Scheduling	✓	✓	✓	✓	--	✓
Presets	✓	--	✓ Limited	✓ Limited	--	--
Media playback	✓ via OPS	--	✓ via OPS	✓ via OPS	✓ USB (Limited) Android OS	✓ USB
WiFi	--	--	--	--	✓	--
Browser	✓ via OPS	--	✓ 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
U.S. TAA Compliant	✓	✓	✓	✓	✓	--
Ideal applications	Public spaces Digital branding & signage Collaboration Corporate Control Rooms	Digital branding & signage Collaboration Education Retail Public spaces	Digital branding & signage Corporate spaces Control rooms Retail Public spaces	Digital branding & signage Corporate spaces Control rooms Retail Public spaces	Digital branding & signage Retail Museums Public Spaces	Retail Medical offices Reception areas Restaurants Hospitality

*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® UltraRes™ Series Touch	Planar® QE Series Touch	Planar® EP Series Touch	Planar® EPX Series Touch	Planar® PS Series 4K Touch
Sizes	75", 86", 98"	75", 86", 98"	50", 58", 65"	100"	50", 55", 65"
Touch technology	Infrared (IR), HID-compliant	Infrared (IR), HID-compliant	Infrared (IR), HID-compliant	Infrared (IR), HID-compliant	Infrared (IR), HID-compliant
Touch points, simultaneous	6 points (32 w/ driver)	20 points	20 points	20 points	20 points
Fine Tip Stylus Support	--	--	--	3mm stylus (included)	--
Brightness (with touchscreen)	450 nits	450 nits (75", 86") 360 nits (98")	450 nits	630 nits	500 nits (50", 55") 400 nits (65")
BackLight type: Edge-lit LED LCD	✓ 75", 86"	✓ 75", 86"	✓ 50", 58"	--	--
BackLight type: Direct-lit LED LCD	✓ 98"	✓ 98"	✓ 65"	✓	✓
Orientation	✓ Landscape, Portrait	✓ Landscape, Portrait (75", 86")	✓ Landscape, Portrait	✓ Landscape, Portrait	✓ Landscape, Portrait
ERO protection *	✓ Gorilla Glass	✓ Gorilla Glass	✓ 3mm glass w/ AG coating	✓ 4mm glass w/ AG coating	✓ 4mm glass w/ AG coating
Profile depth	✓ 4.1"	--	--	--	--
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	✓ via OPS	✓ Embedded Player
Image adjustments by source	✓	✓	✓ Limited	✓ Limited	--
Scheduling	✓	✓	✓	✓	--
Presets	✓	--	✓ Limited	✓ Limited	--
Media playback	✓ via OPS	--	✓ via OPS	✓ via OPS	✓ USB (Limited) Android OS
Browser	✓ via OPS	--	✓ via OPS	✓ via OPS	--
WiFi	--	--	--	--	✓
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	✓	✓	✓	✓	✓
Ideal applications	Public spaces Digital branding & signage Collaboration Corporate Control Rooms	Digital branding & signage Collaboration Education Retail Public spaces	Digital branding & signage Corporate spaces Control rooms Retail Public spaces	Digital branding & signage Corporate spaces Control rooms Retail Public spaces	Digital branding & signage Retail Museums Public spaces

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