



4K LARGE FORMAT LCD DISPLAY FEATURES COMPARISON



Planar Standard 4K Models

	Planar® UltraRes™ X Series	Planar® QE Series	Planar® EP Series	Planar® PS Series 4K	Planar® Simplicity™ Series 4K
Sizes	75", 85", 100"	75", 86", 98"	50", 58", 65"	50", 55", 65"	43", 50", 55", 65", 75", 86"
Brightness	✓ 700 nits	500 nits (75", 86") 400 nits (98")	500 nits	550 nits (50", 55") 450 nits (65")	350 nits (43", 50", 55", 65", 75") 410 nits (86")
Color Gamut	✓ 90%, 88%, 98%	72%	88%, 88%, 72%	72%	72% / 68%
HDR	✓ Yes	--	--	--	--
BackLight type: Edge-lit LED LCD	✓	✓ 75", 86"	✓ 50", 58"	--	--
BackLight type: Direct-lit LED LCD	✓ 75", 85", 100"	✓ 98"	✓ 65"	✓	--
Orientation	✓ 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	✓	--	✓	--	✓ 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	✓ Embedded Player	✓ via OPS (65", 75", 86")
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	✓ 2-year
U.S. TAA Compliant	✓	✓	✓	✓	--

*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™ X Series Touch	Planar® HB Series Huddle Board	Planar® QE Series Touch	Planar® EP Series Touch	Planar® PS Series 4K Touch
Sizes	75", 85", 100"	75", 86"	75", 86", 98"	50", 58", 65"	50", 55", 65"
Touch technology	Infrared (IR), HID-compliant	✓ In-Cell Projected Capacitive (PCAP)	Infrared (IR), HID-compliant	Infrared (IR), HID-compliant	Infrared (IR), HID-compliant
Touch points, simultaneous	12 points (32 w/ driver)	20 points	20 points	20 points	20 points
Fine Tip Stylus Support	--	Passive & Active (included)	--	--	--
Brightness (with touchscreen)	✓ 630 nits	350 nits	450 nits (75", 86") 360 nits (98")	450 nits	500 nits (50", 55") 400 nits (65")
Color Gamut	✓ 90%, 88%, 98%	72%	72%	88%, 88%, 72%	72%
HDR	✓ Yes	--	--	--	--
BackLight type: Edge-lit LED LCD	✓	--	✓ 75", 86"	✓ 50", 58"	--
BackLight type: Direct-lit LED LCD	✓ 75", 85", 100"	✓	✓ 98"	✓ 65"	✓
Orientation	✓ Landscape, Portrait	✓ Landscape	✓ Landscape, Portrait (75", 86")	✓ Landscape, Portrait	✓ Landscape, Portrait
ERO protection*	✓ Gorilla Glass 2mm AG (75", 85") Soda-lime Glass 3mm AR (100")	✓ 2mm glass w/ AG coating	✓ Gorilla Glass 2mm AG (75", 86") Soda-lime Glass 3mm AR (98")	✓ 3mm glass w/ AG coating	✓ 4mm glass w/ AG coating
Profile depth	✓ 4.1"	--	--	--	--
Outputs	✓ DisplayPort 1.2	✓ 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	✓	--	✓ via OPS	✓ Embedded Player
Inputs: HDMI-CEC	✓	--	--	✓ Select Models	✓
Image adjustments by source	✓	--	✓	✓ Limited	--
Scheduling	✓	--	✓	✓	--
Presets	✓	--	--	✓ Limited	--
Media playback	✓ via OPS	✓ USB Android OS	--	✓ via OPS	✓ USB (Limited) Android OS
Browser	✓ via OPS	✓	--	✓ 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	✓	✓	✓	✓	✓

*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