PLANAR

LARGE FORMAT LCD DISPLAY FEATURES COMPARISON

Standard Models

	Planar® UltraRes™ X Series	Planar® UltraRes™ P Series	Planar® UltraRes™ W Series	Planar® Simplicity™ P Series
Sizes	75", 85", 100"	49", 55", 65", 75", 85", 98"	105"	43", 50", 55", 65", 75", 86"
Brightness	✓ 700 nits	500 nits	500 nits	500 nits
Color Gamut	✓ 90%, 88%, 98%	72%	88%	72%
HDR	✓	--	✓	--
Orientation	✓ Landscape, Portrait	✓ Landscape, Portrait	✓ Landscape, Portrait	✓ Landscape, Portrait
Cover Glass	✓ *2mm, AG Coating: 75", 85" *3mm, AR Coating: 100"	✓	--	✓
Profile depth	✓ <4" ADA Compliant (excluding 100" ERO model)	--	--	--
U.S. TAA Compliant	✓	✓	✓	--
ENERGY STAR Certified	--	✓ All except 98"	✓	✓
Security Features	✓ Encrypted Firmware	✓ Signed & Encrypted Firmware: All can disable communication interfaces, SSH*: 49", 55", 65"	Signed & Encrypted Firmware, Can disable communication interfaces EN 303 645 certified	✓ Secure Shell (SSH) protocol, EN 303 645 certified
Outputs	✓ DisplayPort 1.2	--	✓ DisplayPort 1.4	--
Inputs: OPS	✓	--	✓	--
Inputs: DisplayPort	✓ DP1.2	✓ DP1.2	✓ DP1.4	--
Inputs: HDMI®	✓ HDMI 1.4, HDMI 2.0	✓ HDMI 1.4, HDMI 2.0	✓ HDMI 2.0, HDMI 2.1	✓ HDMI 2.0
Inputs: HDMI-CEC	✓	✓	✓	✓
Inputs: HDCP 2.2	✓	✓	✓	✓
Inputs: LAN RJ45, RS232	✓	✓	✓	✓
Inputs: USB	✓ via OPS	--	--	✓ USB, MicroSD, internal storage, web page and embedded cloud-based content app (requires subscription).
Inputs: USB-C	--	--	✓	✓
Image adjustments by source	✓	✓	✓	--
Scheduling	✓	✓	✓	✓
Presets	✓	✓	--	--
Media playback	✓ via OPS	--	✓ via OPS	✓ USB
Browser	✓ via OPS	--	✓ via OPS	✓
SNMP [2]	✓	✓	✓	--
Remote monitoring [3] (email notifications)	✓	✓	✓	--
Serviceability [1] (kickstand, removable tray)	✓	--	--	--
Audio speakers	✓	✓	✓	✓
24x7 operation	✓	✓	✓	✓
Metal enclosure	✓	✓	✓	✓ Rear enclosure
Redundant power [4]	✓	--	--	--
Warranty included	✓ 3-year	✓ 3-year	✓ 3-year	✓ 3-year

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

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

*SSH - Secure Shell Protocol

[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

Interactive Touch Models

	Planar® UltraRes™ X Series Touch	Planar® UltraRes™ P Series Touch	Planar® UltraRes™ W Series Touch	Planar® Simplicity™ P Series Touch
Sizes	75", 85", 100"	49", 55", 65", 75", 85", 98"	105"	43", 50, 55", 65", 75", 86"
Touch technology	Infrared	✓ PCAP: 49", 55", 65" / Infrared: 75", 85", 98	✓ Projected Capacitive (PCAP)	✓ Projected Capacitive (PCAP)
Touch points, simultaneous	20 points	50 points: 49", 55", 65" / 20 points: 75", 85", 98"	50 points	20 points
Fine Tip Stylus Support	✓	✓	✓ Passive stylus (included)	✓ Passive stylus (included)
Brightness (with touchscreen)	✓ 630 nits	450 nits	450 nits	400 nits
Color Gamut	✓ 90%, 88%, 98%	72%	88%	72%
HDR	✓	--	✓	--
Orientation	✓ Landscape, Portrait	✓ Landscape, Portrait	✓ Landscape, Portrait	✓ Landscape, Portrait
Cover Glass	✓ *2mm, AG Coating: 75", 85" / *3mm, AR Coating: 100"	✓ 2mm, AG + AF Coating: 49", 55", 65" / *2mm, AG Coating: 75", 85" / *3mm, AR Coating: 98"	✓ *3mm, AG + AF Coating	✓ 2mm, AG Coating
Profile depth	✓ <4", ADA Compliant (except 100")	--	--	--
U.S. TAA Compliant	✓	✓	✓	--
ENERGY STAR Certified	--	✓ All models except 98"	✓	✓
Security Features	✓ Encrypted Firmware	✓ Signed & Encrypted Firmware: All can disable communication interfaces, SSH*: 49", 55", 65"	✓ Signed & Encrypted Firmware, Can disable communication interfaces EN 303 645 certified	✓ Secure Shell (SSH) protocol, EN 303 645 certified.
Outputs	✓ DisplayPort 1.2	--	✓ DisplayPort 1.4	--
Inputs: OPS	✓	--	✓	--
Inputs: DisplayPort	✓ DP1.2	✓ DP1.2	✓ DP1.4	--
Inputs: HDMI	✓ HDMI 1.4, HDMI 2.0	✓ HDMI 1.4, HDMI 2.0	✓ HDMI 2.0, HDMI 2.1	✓ HDMI 2.0
Inputs: HDMI-CEC	✓	✓	✓	--
Inputs: HDCP 2.2	✓	✓	✓	✓
Inputs: LAN RJ45, RS232	✓	✓	✓	✓
Inputs: USB	✓ via OPS	--	--	✓
Inputs: USB-C	--	--	✓	✓
Image adjustments by source	✓	✓	✓	--
Scheduling	✓	✓	✓	✓
Presets	✓	✓	--	--
Media playback	✓ via OPS	--	--	✓ USB, MicroSD, internal storage, web page and embedded cloud-based content app (requires subscription).
Browser	✓ via OPS	--	--	✓
WiFi	--	--	--	--
SNMP ²	✓	✓	✓	--
Remote monitoring ³ (email notifications)	✓	✓	✓	--
Serviceability ¹ (kickstand, removable tray)	✓	--	--	--
Audio speakers	✓	✓	✓	✓
24x7 operation	✓	✓	✓	✓
Metal enclosure	✓	✓	✓	✓ Rear Enclosure
Redundant power ⁴	✓	--	--	--
Warranty included	✓ 3-year	✓ 3-year	✓ 3-year	✓ 3-year

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