

4K LARGE FORMAT LCD - FEATURE COMPARISON -



STANDARD MODELS

| | Planar® UltraRes™ X Series | | Planar® EP Series | | Planar® PS Series 4K | |
|--|-------------------------------|---------------------|-------------------|---------------------|---------------------------------------|--------------------------|
| Sizes | 75", 85", 100" | | 50", 58", 65" | | 50", 55", 65" | |
| Brightness | ✓ | 700 nits | 500 nits | | 550 nits (50", 55") 450 nits (65") | |
| Colour Gamut | ✓ | 90%, 88%, 98% | 88%, 88%, 72% | | 72% | |
| HDR | ✓ | Yes | -- | | | |
| BackLight Type: Edge-lit LED LCD | ✓ | | ✓ | 50", 58" | - | |
| BackLight Type: Direct-lit LED LCD | ✓ | 75", 85", 100" | ✓ | 65" | ✓ | |
| Orientation | ✓ | Landscape, Portrait | ✓ | Landscape, Portrait | ✓ | Landscape, Portrait |
| ERO Protection * | ✓ | Gorilla Glass | - | | - | |
| 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 |
| Image Adjustments by Source | ✓ | | ✓ | Limited | - | |
| Scheduling | ✓ | | ✓ | | - | |
| Presets | ✓ | | ✓ | Limited | - | |
| Media Playback | ✓ | via OPS | ✓ | via OPS | ✓ | USB (Limited) Android OS |
| 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 | ✓ | | ✓ | | - | |
| Redundant Power ⁴ | ✓ | | - | | - | |
| Warranty Included | ✓ | 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



Interactive Touch Models

| | Planar® UltraRes™ X Series | Planar® HB Series Huddle Boards | Planar® EP Series | Planar® PS Series 4K |
|---|-------------------------------|---------------------------------------|-------------------------------|---------------------------------------|
| Sizes | 75", 85", 100" | 75", 86" | 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 |
| Touch Points, simultaneously | 12 points (32 w/ driver) | 20 points | 20 points | 20 points |
| Fine Tip Stylus Support | – | Passive & Active (included) | – | – |
| Brightness (with touchscreen) | ✓ 630 nits | 350 nits | 500 nits | 500 nits (50", 55") 400 nits (65") |
| Colour Gamut | ✓ 90%, 88%, 98% | 72% | 88%, 88%, 72% | 72% |
| HDR | ✓ Yes | – | – | – |
| BackLight Type: Edge-lit LED LCD | – | – | ✓ 50", 58" | – |
| BackLight Type: Direct-lit LED LCD | ✓ 75", 85", 100" | ✓ | ✓ 65" | ✓ |
| Orientation | ✓ Landscape, Portrait | ✓ Landscape | ✓ Landscape, Portrait | ✓ Landscape, Portrait |
| ERO Protection* | ✓ Gorilla Glass | ✓ 2mm glass w/ AG coating | ✓ 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 |
| 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 |
| U.S. TAA Compliant | ✓ | ✓ | ✓ | ✓ |

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