



# 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  |
|--|--|---|--|--|--|--|
| <b>Sizes</b>   | 75", 86", 98"  | 75", 86", 98"   | 50", 58", 65"  | 100"   | 50", 55", 65"  | 43", 50", 55", 65", 75", 86"   |
| <b>Brightness</b>  | 500 nits   | 500 nits (75", 86")<br>400 nits (98")   | 500 nits   | 700 nits   | 550 nits (50", 55")<br>450 nits (65")                            | 350 nits (43", 50", 55", 65")<br>410 nits (75", 86")                       |
| <b>BackLight type: Edge-lit LED LCD</b>                            | ✓ 75", 86"   | ✓ 75", 86"  | ✓ 50", 58"   | --   | --   | ✓  |
| <b>BackLight type: Direct-lit LED LCD</b>                          | ✓ 98"  | ✓ 98"   | ✓ 65"  | ✓  | ✓  | --   |
| <b>Orientation</b>   | ✓ Landscape, Portrait  | ✓ Landscape, Portrait   | ✓ Landscape, Portrait  | ✓ Landscape, Portrait  | ✓ Landscape, Portrait  | ✓ Landscape  |
| <b>ERO protection *</b>  | ✓ Gorilla Glass  | --  | --   | --   | --   | --   |
| <b>Profile depth</b>   | ✓ <4", ADA compliant   | --  | --   | --   | --   | --   |
| <b>Outputs: DisplayPort 1.2</b>                                    | ✓  | --  | --   | --   | --   | --   |
| <b>Inputs: OPS</b>   | ✓  | --  | ✓  | ✓  | --   | ✓ 65", 75", 86"  |
| <b>Inputs: DisplayPort 1.2</b>                                     | ✓  | ✓   | ✓  | ✓  | ✓  | ✓ 65", 75", 86"  |
| <b>Inputs: HDMI 1.4 (4K @ 30Hz)</b>                                | ✓  | ✓   | ✓  | ✓  | --   | --   |
| <b>Inputs: HDMI 2.0 (4K @ 60Hz)</b>                                | ✓  | ✓   | ✓  | ✓  | ✓  | ✓  |
| <b>Inputs: HDCP 2.2</b>  | ✓  | ✓   | ✓  | ✓  | ✓  | ✓  |
| <b>Inputs: LAN RJ45, RS232</b>                                     | ✓  | ✓   | ✓  | ✓  | ✓  | ✓  |
| <b>Inputs: USB</b>   | ✓ via OPS  | --  | ✓ via OPS  | ✓ via OPS  | ✓ Embedded Player  | ✓ via OPS (65", 75", 86")  |
| <b>Image adjustments by source</b>                                 | ✓  | ✓   | ✓ Limited  | ✓ Limited  | --   | --   |
| <b>Scheduling</b>  | ✓  | ✓   | ✓  | ✓  | --   | ✓  |
| <b>Presets</b>   | ✓  | --  | ✓ Limited  | ✓ Limited  | --   | --   |
| <b>Media playback</b>  | ✓ via OPS  | --  | ✓ via OPS  | ✓ via OPS  | ✓ USB (Limited)<br>Android OS                                    | ✓ USB  |
| <b>WiFi</b>  | --   | --  | --   | --   | ✓ Select Models  | --   |
| <b>Browser</b>   | ✓ via OPS  | --  | ✓ via OPS  | ✓ via OPS  | --   | ✓  |
| <b>SNMP <sup>2</sup></b>   | ✓  | ✓   | ✓  | ✓  | ✓  | --   |
| <b>Remote monitoring <sup>3</sup><br/>(email notifications)</b>    | ✓  | ✓   | ✓  | ✓  | ✓  | --   |
| <b>Mobile app</b>  | ✓  | --  | --   | --   | --   | --   |
| <b>Video wall tiling</b>   | ✓  | --  | --   | --   | --   | --   |
| <b>Serviceability <sup>1</sup><br/>(kickstand, removable tray)</b> | ✓  | --  | --   | --   | --   | --   |
| <b>Audio speakers</b>  | ✓  | ✓   | ✓  | ✓  | ✓  | ✓  |
| <b>24x7 operation</b>  | ✓  | ✓   | ✓  | ✓  | ✓  | --   |
| <b>Metal enclosure</b>   | ✓  | ✓   | ✓  | ✓  | --   | ✓ 75", 86"   |
| <b>Redundant power <sup>4</sup></b>                                | ✓  | --  | --   | --   | --   | --   |
| <b>Warranty included</b>   | ✓ 3-year   | ✓ 3-year  | ✓ 3-year   | ✓ 3-year   | ✓ 3-year   | ✓ 2-year   |
| <b>U.S. TAA Compliant</b>  | ✓  | ✓   | ✓  | ✓  | ✓  | --   |
| <b>Ideal applications</b>  | Public spaces<br>Digital branding & signage<br>Collaboration<br>Corporate<br>Control Rooms | Digital branding & signage<br>Collaboration<br>Education<br>Retail<br>Public spaces | Digital branding & signage<br>Corporate spaces<br>Control rooms<br>Retail<br>Public spaces | Digital branding & signage<br>Corporate spaces<br>Control rooms<br>Retail<br>Public spaces | Digital branding & signage<br>Retail<br>Museums<br>Public Spaces | Retail<br>Medical offices<br>Reception areas<br>Restaurants<br>Hospitality |

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

<sup>1</sup>Field Serviceability — ability to swap most primary electronic components in the field

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

<sup>3</sup>Remote monitoring — subset of SNMP; diagnostics for individual display components and display settings

<sup>4</sup>Redundant power — reduces downtime in the event of a power supply failure



# Planar Interactive Touch 4K Models

|  | Planar® HB Series Huddle Board      | Planar® UltraRes™ Series Touch | Planar® QE Series Touch               | Planar® EP Series Touch      | Planar® EPX Series Touch     | Planar® PS Series 4K Touch            |
|--|-------------------------------------|--------------------------------|---------------------------------------|------------------------------|------------------------------|---------------------------------------|
| <b>Sizes</b>   | 75", 86"                            | 75", 86", 98"                  | 75", 86", 98"                         | 50", 58", 65"                | 100"                         | 50", 55", 65"                         |
| <b>Touch technology</b>  | In-Cell Projected Capacitive (PCAP) | Infrared (IR), HID-compliant   | Infrared (IR), HID-compliant          | Infrared (IR), HID-compliant | Infrared (IR), HID-compliant | Infrared (IR), HID-compliant          |
| <b>Touch points, simultaneous</b>                              | 20 points                           | 6 points (32 w/ driver)        | 20 points                             | 20 points                    | 20 points                    | 20 points                             |
| <b>Fine Tip Stylus Support</b>                                 | Passive & Active (included)         | --                             | --                                    | --                           | 3mm stylus (included)        | --                                    |
| <b>Brightness (with touchscreen)</b>                           | 350 nits                            | 450 nits                       | 450 nits (75", 86")<br>360 nits (98") | 450 nits                     | 630 nits                     | 500 nits (50", 55")<br>400 nits (65") |
| <b>BackLight type: Edge-lit LED LCD</b>                        | --                                  | ✓ 75", 86"                     | ✓ 75", 86"                            | ✓ 50", 58"                   | --                           | --                                    |
| <b>BackLight type: Direct-lit LED LCD</b>                      | ✓                                   | ✓ 98"                          | ✓ 98"                                 | ✓ 65"                        | ✓                            | ✓                                     |
| <b>Orientation</b>   | ✓ Landscape                         | ✓ Landscape, Portrait          | ✓ Landscape, Portrait (75", 86")      | ✓ Landscape, Portrait        | ✓ Landscape, Portrait        | ✓ Landscape, Portrait                 |
| <b>ERO protection*</b>   | ✓ 2mm glass w/ AG coating           | ✓ Gorilla Glass                | ✓ Gorilla Glass                       | ✓ 3mm glass w/ AG coating    | ✓ 4mm glass w/ AG coating    | ✓ 4mm glass w/ AG coating             |
| <b>Profile depth</b>   | --                                  | ✓ 4.1"                         | --                                    | --                           | --                           | --                                    |
| <b>Outputs</b>   | ✓ HDMI                              | ✓ DisplayPort 1.2              | --                                    | --                           | --                           | --                                    |
| <b>Inputs: OPS</b>   | ✓                                   | ✓                              | --                                    | ✓                            | ✓                            | --                                    |
| <b>Inputs: DisplayPort 1.2</b>                                 | ✓                                   | ✓                              | ✓                                     | ✓                            | ✓                            | ✓                                     |
| <b>Inputs: HDMI 1.4 (4K @ 30Hz)</b>                            | --                                  | ✓                              | ✓                                     | ✓                            | ✓                            | --                                    |
| <b>Inputs: HDMI 2.0 (4K @ 60Hz)</b>                            | ✓                                   | ✓                              | ✓                                     | ✓                            | ✓                            | ✓                                     |
| <b>Inputs: HDCP 2.2</b>  | ✓                                   | ✓                              | ✓                                     | ✓                            | ✓                            | ✓                                     |
| <b>Inputs: LAN RJ45, RS232</b>                                 | ✓                                   | ✓                              | ✓                                     | ✓                            | ✓                            | ✓                                     |
| <b>Inputs: USB</b>   | ✓                                   | ✓ via OPS                      | --                                    | ✓ via OPS                    | ✓ via OPS                    | ✓ Embedded Player                     |
| <b>Image adjustments by source</b>                             | --                                  | ✓                              | ✓                                     | ✓ Limited                    | ✓ Limited                    | --                                    |
| <b>Scheduling</b>  | --                                  | ✓                              | ✓                                     | ✓                            | ✓                            | --                                    |
| <b>Presets</b>   | --                                  | ✓                              | --                                    | ✓ Limited                    | ✓ Limited                    | --                                    |
| <b>Media playback</b>  | ✓ USB Android OS                    | ✓ via OPS                      | --                                    | ✓ via OPS                    | ✓ via OPS                    | ✓ USB (Limited) Android OS            |
| <b>Browser</b>   | ✓                                   | ✓ via OPS                      | --                                    | ✓ via OPS                    | ✓ via OPS                    | --                                    |
| <b>WiFi</b>  | ✓                                   | --                             | --                                    | --                           | --                           | ✓ Select Models                       |
| <b>SNMP <sup>2</sup></b>                                       | ✓                                   | ✓                              | ✓                                     | ✓                            | ✓                            | ✓                                     |
| <b>Remote monitoring <sup>3</sup> (email notifications)</b>    | --                                  | ✓                              | ✓                                     | ✓                            | ✓                            | ✓                                     |
| <b>Mobile app</b>  | --                                  | ✓                              | --                                    | --                           | --                           | --                                    |
| <b>Video wall tiling</b>                                       | --                                  | ✓                              | --                                    | --                           | --                           | --                                    |
| <b>Serviceability <sup>1</sup> (kickstand, removable tray)</b> | --                                  | ✓                              | --                                    | --                           | --                           | --                                    |
| <b>Audio speakers</b>  | ✓                                   | ✓                              | ✓                                     | ✓                            | ✓                            | ✓                                     |
| <b>24x7 operation</b>  | --                                  | ✓                              | ✓                                     | ✓                            | ✓                            | ✓                                     |
| <b>Metal enclosure</b>   | ✓                                   | ✓                              | ✓                                     | ✓                            | ✓                            | ✓ Metal front bezel                   |
| <b>Redundant power <sup>4</sup></b>                            | --                                  | ✓                              | --                                    | --                           | --                           | --                                    |
| <b>Warranty included</b>                                       | ✓ 3-year                            | ✓ 3-year                       | ✓ 3-year                              | ✓ 3-year                     | ✓ 3-year                     | ✓ 3-year                              |
| <b>U.S. TAA Compliant</b>                                      | ✓                                   | ✓                              | ✓                                     | ✓                            | ✓                            | ✓                                     |

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