# Large Format
## LCD Displays

▶ *4K Resolution*

▶ *43" to 100" Sizes*

▶ *Models with Interactive Touch*

▶ *TAA Compliant*

Built for the most demanding environments, Planar's large format LCD displays deliver high durability and performance for professional applications like digital signage, control rooms, study spaces and retail. Unlike consumer televisions, our displays feature higher brightness, robust design for up to 24x7 use in most models, and options like multi-source viewing and portrait or landscape orientation. Our displays are all 4K resolution and fit every need with various sizes, brightness levels, functionality and prices.

## Achieve Clarity & View it All

Planar 4K LCD displays produce amazing, life-like picture quality with smooth motion video and mouse tracking. Thanks to sharp clarity and crisp image quality, every detail shows even at close viewing distances.

Multiple large-format LCD display lines enable people to view more than one—and up to four—sources on the screen simultaneously. Configurable and storable content layout options include picture-in-picture, dual, triple or quad view.

# Planar UltraRes X Series

*Superior Image Color and Clarity*

Planar® UltraRes™ X Series displays offer superior visual performance and advanced processing, ideal for applications ranging from collaborative meeting spaces to high-impact digital signage.

- *75", 85" & 100" sizes*
- *Bright 700 nits*
- *High Dynamic Range (HDR) compatible*
- *Multi-source viewing with Planar® MediaPlex™ Plus processing*
- *Optional Planar® Profile™ Mounting System*
- *Expansion slot for OPS*
- *Designed for 24x7 operation*
- *Secure for government applications*
- *Optional multi-point touch, with Planar® Touchmark™ license*
- *Optional Planar® ERO-LCD™ protective glass*

# Planar UltraRes P Series

*Only the 24x7 Essentials*

Planar® UltraRes™ P Series displays excel in applications from dynamic digital signage to collaborative meeting spaces.

- *49", 55", 65", 75" & 85" sizes*
- *Exceptional color accuracy*
- *500-nit brightness*
- *4K at 60Hz support with DisplayPort 1.2 &  HDMI 2.0*
- *4K with HDCP 2.2*
- *Designed for 24x7 operation*
- *Secure for government applications*
- *Optional multi-point touch with protective surface*
- *Planar Touchmark Software license included with touch model*

# Planar Simplicity M Series

*Cost Effective Digital Signage*

The Planar® Simplicity™ M Series is designed with simplicity and affordability in mind, in a wide variety of sizes designed to meet the needs of everything from retail to museums.

- *43", 50", 55", 65", 75" & 86" sizes*
- *500-nit brightness*
- *4K at 60Hz support with HDMI 2.0*
- *4K compatibility with HDCP 2.2*
- *Integrated signage tools, including USB playback and LAN distribution*

## Planar QE Series

*Only the 24x7 Essentials*

Planar® QE Series displays excel in applications from dynamic digital signage to secure, collaborative meeting spaces.

- *98" size*
- *Exceptional image quality & color accuracy*
- *4K at 60Hz support with DisplayPort 1.2 & HDMI 2.0*
- *4K compatibility with HDCP 2.2*
- *Optional multi-point touch with Planar ERO-LCD*
- *Planar Touchmark license included with touch model*
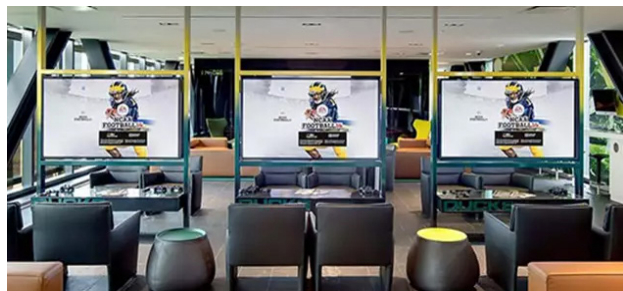- *Designed for 24x7 operation*



## Planar EP Series

*High Performance 4K*

The Planar® EP Series delivers superior performance and reliability for demanding and secure public venue, corporate and control room applications.

- *50", 58" & 65" sizes*
- *Exceptional image quality*
- *4K at 60Hz with DisplayPort 1.2 & HDMI 2.0*
- *4K compatibility with HDCP 2.2*
- *Expansion slot for OPS*
- *Optional multi-point touch*
- *Planar Touchmark license included with touch models*
- *Designed for 24x7 operation*





## Add Toughness

Some displays are available with Planar® ERO-LCD™ (Extended Ruggedness and Optics™), a protective glass bonded to the front of the display using a proprietary process that creates a highly durable surface that withstands rigors of high-traffic and interactive environments.



## Get Interactive

For collaborative and interactive environments, select large format LCD displays are available with multi-point touch that enables multiple people to use the display simultaneously, with pinpoint accuracy and false touch prevention.

## Planar HB Series Huddle Board

*4K Touch Screen Collaboration Displays*
Planar® HB Series Huddle Board touch screen has an embedded Android® OS and digital whiteboard, enabling collaboration for conference rooms, study spaces and design centers; or the executive home office.

- *Available in 75" size*
- *4K resolution*
- *20-point Projected Capacitive touch*
- *Embedded digital whiteboard app*
- *Active & passive stylus pens included*
- *Built-in Android® OS*



# Specifications

| Planar HB Series Huddle Board | |
|---|---|
| Model | HB75 |
| **Screen Diagonal** | 75" |
| **Brightness (typ)** | 350 cd/m2 |
| **Backlight Type** | Direct-lit LED |
| **Bezel Width** | 0.1" (3mm) |
| **Recommended Usage** | 18 x 7 |
| **Orientation** | Landscape |
| **OS Compatibility** | Internal: Android; External: Windows 8, 10, 11, Mac OSX, Linux |
| **External Connections** | DisplayPort 1.2 x 1, HDMI 2.0 x 3 (HDCP 2.2), VGA x 1, USB-B (for touch controller), microSD slot, USB 2.0 for external USB camera, OPS Slot |
| **Display Control** | LAN, WiFi (802.11 b/g/n, 2.4 GHz, 5 GHz), Bluetooth, RS232 In, IR, Keypad |
| **Touch Technology** | In-Cell Projected Capacitive 20-point touch |
| **Mounting** | VESA: 600 x 400 |
| **Operating System** | Android 8.0 |
| **Video Processing** | CPU: ARM A73 (x2) + ARM A53 (x2) | Frequency: 1.5 GHz | GPU: Mali-G51 | RAM: 3GB DDR4 2400MHz |

# Specifications

## Planar UltraRes X Series

| Model | URX75<br>URX75-ERO<br>URX75-ERO-T | URX85<br>URX85-ERO<br>URX85-ERO-T | URX100<br>URX100-ERO<br>URX100-ERO-T |
|---|---|---|---|
| Screen Diagonal | 75" | 85" | 100" |
| Brightness (typ) | 700 cd/m² / 630 cd/m² / 630 cd/m² | | |
| Bezel Width | 0.7" (17mm) /<br>0.1" (3mm) /<br>0.7" (18.6mm) | 0.9" (23mm) /<br>0.1" (3mm) /<br>0.7" (18.6mm) | 1.1" (27.9mm) /<br>0.1" (3mm) /<br>0.7" (18.6mm) |
| Color Gamut | 90% NTSC | 88% NTSC | 98% NTSC |
| HDR (High Dynamic Range) | Yes | | |
| Recommended Usage | 24 x 7 | | |
| Orientation | Landscape, Portrait | | |
| Display Depth | 3.7" (94.2mm) /<br>3.7" (94.2mm) /<br>4.1" (103.9mm) | 3.7" (94.3mm) /<br>3.7" (94.3mm) /<br>4.1" (103.8mm) | 3.7" (94.3mm) /<br>3.7" (94.3mm) /<br>4.1" (103.8mm) |
| Inputs | DisplayPort 1.2 x 1, HDMI 2.0 x 2 (HDCP 2.2), HDMI 1.4 x 2, OPS x 1 | | |
| Display Control | IR, RS-232, LAN, HDMI-CEC, Keypad, Mobile app | | |
| Touch Technology | 20 pt IR (Touch models only) | | |
| Mounting | Planar® Profile™ Mounting System, VESA | | |
| Planar TouchMark | Yes (Touch models only) | | |

## Planar EP Series

| Model | EP5024K<br>EP5024K-Touch | EP5824K<br>EP5824K-Touch | EP6524K<br>EP6524K-Touch |
|---|---|---|---|
| Screen Diagonal | 50" | 58" | 65" |
| Brightness (typ) | 500 cd/m² | | |
| Backlight Type | E-LED | E-LED | D-LED |
| Bezel Width | 0.8" (21mm)/<br>0.7" (18mm) | 0.6" (14mm)/<br>0.9" (22mm) | 0.7" (17mm)/<br>0.9" (22mm) Top, Bottom;<br>0.8" (21mm) Left, Right |
| Recommended Usage | 24 x 7 | | |
| Orientation | Landscape, Portrait | | |
| Display Depth | 2.6" (67mm)/<br>3.3" (84mm) | 3.1" (80mm)/<br>3.8" (98mm) | 3.4" (86mm)/<br>3.9" (99mm) |
| Inputs | HDMI 2.0 x 2 (HDCP 2.2), HDMI 1.4 x 2, DisplayPort 1.2 x 2, VGA x 1, OPS, IR | | |
| Display Control | IR, RS-232, LAN, Keypad, HDMI-CEC (select models) | | |
| Touch Technology | 20 pt IR (HID compliant Microsoft® Windows 7, 8, 10 & 11)<br>Touch models only | | |
| Mounting | VESA: 200x200mm | VESA: 200x400mm | VESA: 400x400mm |
| Planar TouchMark | Yes (Touch models only) | | |

## Planar UltraRes P Series & Planar QE Series

| Model | URP49<br>URP49-T | URP55<br>URP55-T | URP65<br>URP65-T | URP75<br>URP75-ERO-T | URP85<br>URP85-ERO-T | QE9850<br>QE9850-Touch |
|---|---|---|---|---|---|---|
| Screen Diagonal | 49” | 55” | 65” | 75” | 85” | 98" |
| Brightness (typ) | 500 cd/m² /<br>450 cd/m² | | | | | 400 cd/m²<br>380 cd/m² |
| Backlight Type | E-LED | | | D-LED | | |
| Bezel Width | 0.4” (10.9mm) Top, Right, Left; 0.5” (13.6mm) Bottom /<br>0.1” (1.5mm) | | | 0.6" (14.9mm) /<br>0.6" (15.1mm) | 0.5" (13mm) /<br>0.6" (15.1mm) | 0.6" (16mm) /<br>1.2" (31mm) |
| Recommended Usage | 24 x 7 | | | | | |
| Orientation | Landscape, Portrait | | | | | Landscape, Portrait<br>(Landscape Touch model) |
| Display Depth | 2.6” (65.8mm) /<br>2.7” (68.8mm) | | | 3.6" (91.2mm) /<br>4.1" (103.7mm) | 3.5" (89.4mm) /<br>4.1" (104.5mm) | 3.8" (97mm) /<br>4.4" (111mm) |
| Inputs | HDMI 2.0 x 2 (HDPC 2.2), HDMI 1.4 x 2, DisplayPort 1.2 x 2, VGA x 1 | | | HDMI 2.0 x 2 (HDPC 2.2), HDMI 1.4 x 2; DisplayPort 1.2 x 1 | | |
| Display Control | HDMI-CEC, IR, LAN, RS-232, Keypad | | | HDMI-CEC, IR, LAN, RS-232, Keypad, Mobile App | | IR, RS-232, LAN, Keypad |
| Touch Technology | Projected Capacitive: 50-point (Touch models only) | | | IR: 20-point (Touch models only) | | |
| Mounting | VESA | | | | | |
| Planar TouchMark | Yes (Touch models only) | | | | | |
| ENERGY STAR Certified | Yes | | | | - | |

## Planar Simplicity M Series

| Model | SLM43 | SLM50 | SLM55 | SLM65 | SLM75 | SLM86 |
|---|---|---|---|---|---|---|
| Screen Diagonal | 43" | 50" | 55" | 65" | 75" | 86" |
| Brightness (typ) | 500 cd/m² | | | | | |
| Backlight Type | D-LED | | | | | |
| Bezel Width | 0.5" (13.9mm) | 0.6" (14.9mm) | 0.5" (13.9mm) | 0.6" (14.9mm) | | 0.6" (15.5mm) |
| Recommended Usage | Up to 16 hours per day | | | | | |
| Orientation | Landscape only | | | | | |
| Inputs | HDMI 2.0 x 2 (HDCP 2.2), DVI-D x 1, VGA x 1, Media Player | | | | | |
| Display Control | IR, RS-232, LAN, HDMI-CEC, Keypad | | | | | |
| Mounting | VESA: 200x200mm | VESA: 400x400mm | | | VESA: 600x400mm | |