PLANAR

4K Large Format
LCD Displays

Superior 4K Clarity for Professional Applications

As a global leader in display technology, Planar innovates and redefines the standards for display design, performance and reliability. Best-in-class Planar® 4K LCD display solutions deliver professional image quality and performance for resolution-rich commercial applications, and logo-free, narrow bezels letting on-screen content shine.

Planar 4K LCD displays produce amazing, life-like picture quality. Thanks to sharp clarity and crisp image quality, every detail shows, even at close viewing distances. They also offer vast connectivity so they can be used with both Full HD and 4K sources.

Planar large format LCD displays offer experiences that enable users to view and interact with content in unique ways. With ideal solutions for digital signage, touch-enabled displays for whiteboarding or kiosks, and board room presentations, Planar 4K LCD displays offer immersive and interactive experiences in sizes ranging from 43" to 100".

4K LCD Product Lines

Planar offers a unique portfolio of 4K LCD displays solutions with value-added features for educating, collaborating, and creating premium viewing experiences.

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" and 100" 4K LCD displays
- 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
- Optional Planar® ERO-LCD™ and multi-touch technology
- Planar® Touchmark™ Annotation & Whiteboard Software license included with touch models
- Designed for 24x7 operation

Planar QE Series

Only the 24x7 Essentials

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

- 75", 86" and 98" 4K LCD displays
- Exceptional image quality and color accuracy
- 4K at 60Hz support with DisplayPort 1.2 and HDMI 2.0
- Next-generation 4K compatibility with HDCP 2.2
- Optional multi-touch technology with Planar ERO-LCD
- Planar Touchmark license included with touch models
- Designed for 24x7 operation

Planar EP Series

High Performance 4K

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

- 50", 58" and 65" 4K LCD displays
- Exceptional image quality
- 4K at 60Hz support with DisplayPort 1.2 and HDMI 2.0
- Next-generation 4K compatibility with HDCP 2.2
- Expansion slot for OPS
- Optional multi-touch technology
- Planar Touchmark annotation and white boarding software license included with touch models
- Designed for 24x7 operation

Planar PS Series 4K

Essentials for 24x7 Digital Signage

The Planar® PS Series offers a rich feature-set with embedded Android® for cloud-based signage, Wi-Fi (select models), and vibrant brightness specifically designed for digital signage.

- 50", 55", 65" 4K LCD displays
- Built-in Android® operating system
- Wi-Fi models available
- U.S. TAA compliant
- Landscape or portrait mounting
- 20-point interactive touch models available
- 400 to 550-nit brightness
- Designed for 24x7 operation
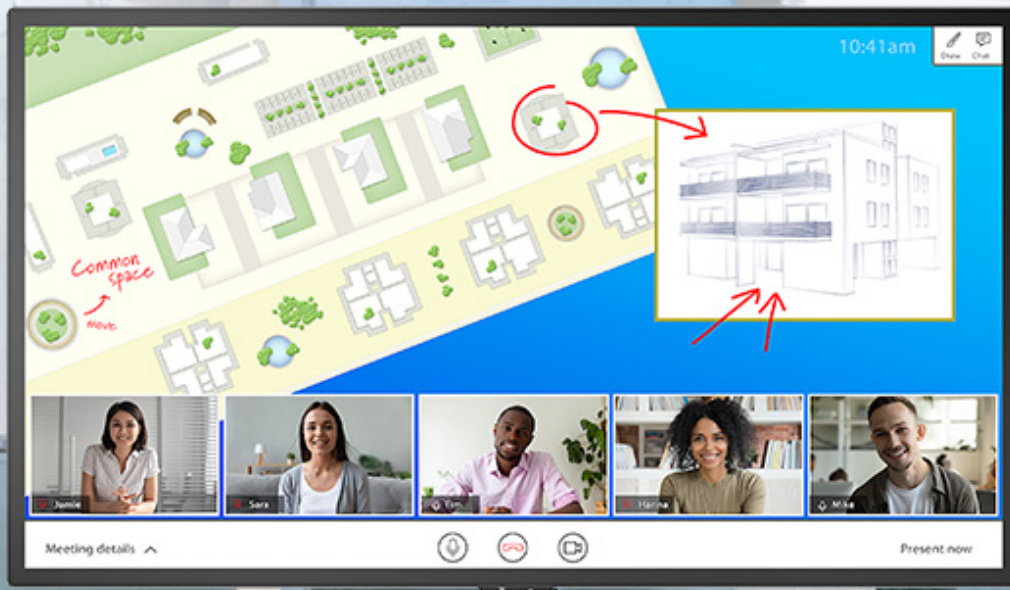
Planar Simplicity Series 4K

Cost Effective Digital Signage

The Planar® Simplicity™ Series 4K 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" and 86" 4K LCD displays
- Exceptional image quality
- 4K at 60Hz support with HDMI 2.0
- Next-generation 4K compatibility with HDCP 2.2
- Integrated signage tools, including USB playback with scheduling and LAN distribution
- Expansion slot for OPS (65" - 86" only)

Planar® TouchMark™

Planar HB Series Huddle Board

4K Touch Screen Collaboration Displays

Planar® HB Series Huddle Board displays are large format, 4K resolution, LCD touch screens with embedded tools tailored to in-room and remote unified communication. The huddle boards enable one-stop collaboration ideal for conference rooms, study group spaces and design centers; or the executive home office.

Maximize Local Ties
The Planar HB Series' 75" and 86" size, Ultra HD resolution and 350-nit brightness guarantee everyone in the room will be able to clearly see even the most detailed on-screen content. Extremely fast and responsive 20-point Projected Capacitive touch delivers effective interactive experiences, while Planar HB Series Huddle Board display's Passive and Active Stylus pens help ensure efficiency.

Teamwork Tools
Planar HB Series Huddle Board displays feature a built-in Android® module complete with pre-loaded popular collaboration applications. The digital whiteboard enables image importing for easy annotation over maps, web pages screen shots, reports and more.

For added flexibility, all Planar HB Series displays come standard with expansion slots that support Intel's Open Pluggable Specification (OPS), making them compatible with a variety of OPS devices, including a Microsoft Windows 10 PC OPS module.

Connect from Anywhere
Compatible with unified communication platforms, Planar HB Series is a perfect option for meetings that require remote collaboration. Maximize each application's individual features right from the touch screen. Simply add the webcam, audio system and microphone of your choice and sync with colleagues across the globe like they're right in the room.

- Ultra HD resolution (3840 x 2160)
- Available in 75" & 86" sizes
- 20-point Projected Capacitive touch
- Built-in Android® OS with pre-loaded collaboration & UC apps
- Embedded digital whiteboard app
- Active & passive stylus pens included

PLANAR HB SERIES HUDDLE BOARD		
Model	HB75	HB86
Screen Diagonal	75"	86"
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, 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	VESA: 800 x 600
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	

PLANAR ULTRARES X SERIES

Model	URX75 URX75-ERO URX75-ERO-T	URX85 URX85-ERO URX85-ERO-T	URX100 URX100-ERO URX100-ERO-T
Screen Diagonal	75"	85"	100"
Brightness (typ)	700 cd/m² / 630 cd/m² / 630 cd/m²		
Bezel Width	0.7" (17mm) / 0.1" (3mm) / 0.4" (10.3mm)	0.9" (23mm) / 0.1" (3mm) / 0.4" (10.3mm)	1.1" (27.9mm) / 0.1" (3mm) / 0.4" (10.3mm)
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) / 3.7" (94.2mm) / 4.0" (102.6mm)	3.7" (94.3mm) / 3.7" (94.3mm) / 4.0" (102.8mm)	3.7" (94.3mm) / 3.7" (94.3mm) / 4.0" (101.7mm)
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, Keypad, Mobile app		
Touch Technology	IR touch: 32-points w/ driver, 12 points w/out driver (Touch models only)		
Mounting	Planar® Profile™ Mounting System, VESA		
Planar TouchMark	Yes (Touch models only)		

PLANAR QE SERIES

Model	QE7550 QE7550-Touch	QE8650 QE8650-Touch	QE9850 QE9850-Touch
Screen Diagonal	75"	86"	98"
Brightness (typ)	500 cd/m²		400 cd/m²
Backlight Type	E-LED		D-LED
Bezel Width	0.6" (15mm) / 1.2" (31mm)	0.6" (16mm) / 1.2" (31mm)	0.6" (16mm) / 1.2" (31mm)
Recommended Usage	24 x 7		
Orientation	Landscape, Portrait		Landscape, Portrait (Landscape ERO-LCD Touch model)
Display Depth	3.2" (82mm) / 3.6" (92mm)	3.3" (84mm) / 3.7" (95mm)	3.8" (97mm) / 4.4" (111mm)
Inputs	HDMI 2.0 x 2 (HDPC 2.2), HDMI 1.4 x 2; DisplayPort 1.2 x 1		
Display Control	LAN, RJ45, RS232 in, IR, Keypad		
Touch Technology	20-point IR touch for touch models only		
Mounting	VESA		
Planar TouchMark	Yes (Touch models only)		

PLANAR EP SERIES

Model	EP5024K EP5024K-Touch	EP5824K EP5824K-Touch	EP6524K 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)/ 0.7" (18mm)	0.6" (14mm)/ 0.9" (22mm)	0.7" (17mm)/ 0.7" (17mm)
Recommended Usage	24 x 7		
Orientation	Landscape, Portrait		
Display Depth	2.6" (67mm)/ 3.3" (84mm)	3.1" (80mm)/ 3.8" (98mm)	3.4" (86mm)/ 4.1" (103mm)
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	LAN, RJ45, RS232 in, IR, Keypad		
Touch Technology	20 pt IR (HID compliant Microsoft® Windows 7, 8 and 10) for touch models only		
Mounting	VESA: 200x200mm	VESA: 200x400mm	VESA: 400x400mm
Planar TouchMark	Yes (Touch models only)		

PLANAR PS SERIES 4K

Model	PS5074K PS5074K-N PS5074K-Touch PS5074KT-N	PS5574K PS5574K-N PS5574K-Touch PS5574KT-N	PS6574K PS6574K-N PS6574K-Touch PS6574KT-N
Screen Diagonal	50"	55"	65"
Brightness (typ)	550 cd/m² / 500 cd/m²		450 cd/m² / 400 cd/m²
Backlight Type	LED		
Bezel Width	0.7" (17mm) top, 0.8" (20mm) bottom / 0.9" (23mm)		0.6" (16mm) / 0.9" (23mm)
Recommended Usage	24 x 7		
Orientation	Landscape, Portrait		
Display Depth	2.8" (70mm) / 3.4" (88mm)	2.7" (69mm) / 3.4" (87mm)	2.8" (70mm) / 3.4" (86mm)
Inputs	DisplayPort 1.2 x 1, HDMI 2.0 x 2 (HDCP 2.2), VGA x 1 USB-B (for touch controller)		
Display Control	IR, RS-232, LAN, Keypad, WLAN/WiFi (Excluding N models)		
Touch Technology	IR touch: 20-point (Touch models only)		
Mounting	VESA: 400mm x 400mm		

PLANAR SIMPLICITY SERIES 4K

Model	SL4364K	SL5064K	SL5564K	SL6564K	SL7564K	SL8664K
Screen Diagonal	43"	50"	55"	65"	75"	86"
Brightness (typ)	350 nits				410 nits	
Backlight Type	D-LED				E-LED	
Bezel Width	0.5" (12mm) | 0.6" (15mm)	0.5" (12mm) | 0.6" (14mm)	0.5" (13mm) | 0.6" (15mm)	0.8" (21mm)	0.5" (13mm)	0.6" (15mm)
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			HDMI 2.0 x 4 (HDCP 2.2), Display Port x 1, VGA x 1, OPS x 1, OPS USB 2.0 x 2, OPS USB 3.0 x 1		
Display Control	IR, RS-232, LAN, Keypad					
Touch Technology	N/A					
Mounting	VESA: 200x200mm; 200x400mm	VESA: 400x400mm	VESA: 400x200mm	VESA: 400x200mm; 400x400mm	VESA: 600x400mm	