

# Touchboards

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## Superior 4K Clarity for Professional Applications

Planar offers unparalleled 4K image quality and performance for resolution-rich commercial applications. From desktop monitors to ultra large format displays, Planar offers a best-in-class portfolio of 4K LCD displays.

Ultra HD products from Planar deliver unique experiences that enable users to view and interact with 4K content in unique ways. More than just a display, Planar's 4K products offer immersive experiences in sizes ranging from 28" to 98".



# Ultra HD LCD Product Lines

Planar offers the most unique line of 4K LCD display products in the industry with value-added features designed to make ultra HD technology accessible, affordable and easy to implement.

## PLANAR ULTRARES SERIES | *Stunning 4K clarity meets state-of-the-art design and performance*



Planar® UltraRes™ Series displays offer the image quality, connectivity, industrial design and configuration options required in leading control rooms, collaboration rooms and digital branding installations.

### Features and Benefits:

- Available in 84" and 98"
- Supports native 4K at up to 60Hz
- Ultra slim profile (<4" mounted)
- Whisper-quiet, fanless design
- Modern ID with logo-free bezel
- 3D and Multi-Touch models available
- Redundant power supply for added reliability
- Energy-saving LED backlight



### UltraRes MediaPlex Software

UltraRes MediaPlex™ software enables up-scaling, down-scaling and quadrant view functionality for more efficient use of a large 84" or 98" screen

area. With UltraRes MediaPlex software, up to eight directly attached sources can be viewed, four at a time, in full HD quadrants within a Planar UltraRes Series display. Whether sources are full HD, sub-1080 or 4K, they can all be viewed in the 1080 quadrants and, upon command, be up-scaled to fill the entire 4K display area.

## PLANAR EP-SERIES | *High performance and interactive 4K display solutions*

Planar® EP-Series™ delivers superior performance and reliability for demanding public venue, corporate, and control room applications. With OPS compatibility and interactive touch options, these displays can be transformed into complete digital signage or meeting room solutions.



### Features and Benefits:

- Available in 58" and 65"
- Designed for 24x7 operation
- Expansion slot supports Intel's Open Pluggable Specification (OPS)
- Ultra slim, logo-free metal bezel
- Built-in speakers
- Multi-touch models available
- Supports landscape and portrait orientation

## PLANAR IX-SERIES | *Immersive 4K Desktop Experience*

The Planar® IX-Series™ offers an immersive 4K experience for the desktop, bringing life to still images and video. With its unbeatable image clarity, flexible connectivity options – including 2 DisplayPort and 2 HDMI video inputs and built-in USB hub – and industry-leading 3 year, 2-day advanced replacement warranty, the Planar IX-Series is sure to impress.



### Features and Benefits:

- Available in 28" with dual and quad stand bundles
- View up to four video sources simultaneously using FlexFour™ software
- Supports 4K at up to 60Hz through DisplayPort 1.2
- Built-in USB 3.0 hub
- Built-in speakers



## IMMERSIVE 4K EXPERIENCE

4K displays produce resolution and picture quality not before seen. With four times the resolution of full HD, all Planar ultra HD products deliver amazingly life-like picture quality and immersive display experience. When displaying ultra HD content, Planar 4K displays deliver clarity and detail that appears sharp even at close viewing distances - no detail is missed. With vast connectivity, Planar 4K displays can be used interchangeably with full HD and ultra HD sources today and emerging 4K sources coming to market in the future.



## INTERACTIVE TOUCH

Planar UltraRes Series and Planar EP-Series 4K displays can be transformed into fully integrated touch screens to create interactive experiences for public information, wayfinding, meeting room collaboration and training rooms. These displays offer precise multi-touch solutions with a slim profile and protective glass seal to keep dust, dirt and moisture away from the display.

## ENERGY-EFFICIENT ARCHITECTURE

Planar 4K displays are whisper-quiet and fanless, made possible by LED backlight and advanced power management. As a result, there is no disruptive fan noise in quiet environments such as meeting rooms, control rooms and workstations.

## LOGO-FREE

Free your frame from logos that divert attention from your brand and messaging. All Planar 4K displays are logo-free, allowing the spotlight to shine where it should – on the screen.

## Planar Commercial-Grade 4K Displays

### *What makes us different?*

Planar's commercial-grade 4K LCD displays are designed for lasting durability and superior performance. With features required for professional applications, Planar displays are much more than a television. Compare Planar commercial-grade displays to commodity large screen TVs and you immediately see the advantages of a professional 4K LCD display from Planar.

CAPABILITY	PLANAR 4K LCDS	CONSUMER TVS
<b>Bezel</b>	Durable, symmetrical design; logo-free	No
<b>Support for extended use</b>	Commercial-grade panel and backlight	No
<b>Landscape/ portrait</b>	Both*	Landscape only
<b>Brightness</b>	Up to 500 nit	Ranges from 200-300 nit
<b>Commercial connectivity</b>	Yes	No
<b>Display control</b>	RS-232 and LAN*	No
<b>Multi-source viewing</b>	Yes*	No
<b>OPS slot</b>	Yes*	No
<b>Touch screen</b>	Yes*	No
<b>Warranty</b>	3 years advance replacement	1 year parts and labor

*\*Available on select Planar models*

PLANAR ULTRARES SERIES				
Model	UR8450-LX	UR8450-MX	UR8450-3D	UR9850
Screen diagonal	84"			98"
Native Resolution	3840 x 2160			
Brightness (typ)	350 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	420 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>
Color depth	10 bit color			
Backlight type	E-LED			D-LED
Bezel width	1.14" (29.1mm) left/right; 1.26" (32.1mm) top/bottom			0.86" (21.9mm) left/right; 0.85" (21.6mm) top/bottom
Recommended usage	All-day	24x7	All-day	All-day
Orientation	Landscape	Landscape / Portrait	Landscape	Landscape
Display Depth	3.1" (77.5mm)	3.1" (77.5mm)	3.1" (77.5mm)	3.6" (91.3mm)
Inputs	DisplayPort x 4, HDMI x 4, IR			
Display control	LAN RJ45, RS232 in, IR			
Built-in speakers	No	No	No	No
Fanless	Yes			
Touch technology	N/A	N/A	N/A	N/A
Multi-Source Viewing	MediaPlex™			
Supported 4K modes	1x 3840x2160 @ 24/25/30Hz; 1x 3840x2160 @ 60Hz (HDMI 2.0); 4x 960x2160 @ 60Hz; 2x 1920x2160 @ 60Hz			
Mounting	VESA, Planar Profile™ Mount			

PLANAR EP-SERIES	
EP5804K	EP6504K
58"	65"
3840 x 2160	
450 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>
10 bit color	
E-LED	
0.6" (14mm)	
24x7	
Landscape / Portrait	
3.2" (80.1mm)	3.3" (83.2mm)
HDMI x 2, DisplayPort In/Out, DVI, VGA, PC Audio In, Line Out, IR	
LAN RJ45, RS232 in, IR, Keypad	
10Wx2 built-in	
Yes	
N/A	
N/A	
1x 3840x2160 @ 24/25/30Hz	
VESA	

TOUCH MODELS							PLANAR IX-SERIES
Model	UR8450-LX Touch	UR8450-MX Touch	UR8450-3D Touch	UR9850 Touch	EP5804K-T	EP6504K-T	IX2850
Screen diagonal	84"			98"	58"	65"	28"
Native Resolution	3840 x 2160			3840 x 2160	3840 x 2160		3840 x 2160
Brightness (typ)	350 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	420 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	450 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>
Color Depth	10 bit color			10 bit color	10 bit color		10 bit color
Backlight type	E-LED			D-LED	E-LED		E-LED
Bezel width	1.16" (29.5mm) left/right; 1.30" (33.0mm) top/bottom			.97" (24.7mm) left/right; .97" (24.8mm) top/bottom	0.7" (19mm)	0.8" (20mm)	0.8" (20mm)
Recommended usage	All-day	24x7	All-day	All-day	24x7		All-day
Orientation	Landscape / Portrait			Landscape	Landscape / Portrait		Landscape / Portrait
Display Depth	3.5" (88.5 mm)			3.96" (100.7 mm)	3.8" (96.2 mm)	3.9" (99.7 mm)	2.4" (60.7 mm)
Inputs	DisplayPort x 4, HDMI x 4, IR			DisplayPort x 4, HDMI x 4, IR	HDMI x 2, DisplayPort In/Out, DVI, VGA, PC Audio In, Line Out, IR		HDMI x 2, DisplayPort x 2, DVI, VGA, PC Audio In
Display control	LAN RJ45, RS232 in, IR			LAN RJ45, RS232 in, IR	LAN RJ45, RS232 in, IR, Keypad		N/A
Built-in speakers	No			No	10Wx2 built-in		3Wx2 built-in
Fanless	Yes			Yes	Yes		Yes
Touch technology	32 pt IR			32 pt IR	6 pt IR		N/A
Multi-Source Viewing	MediaPlex™			MediaPlex™	N/A		FlexFour™
Supported 4K modes	1x 3840x2160 @ 24/25/30Hz; 1x 3840x2160 @ 60Hz (HDMI 2.0); 4x 960x2160 @ 60Hz; 2x 1920x2160 @ 60Hz			1x 3840x2160 @ 24/25/30Hz	1x 3840x2160 @ 24/25/30Hz		1x 3840x2160 @ 24/25/30/60Hz (DP); 1x 3840x2160 @ 24/25/30Hz (HDMI, DVI)
Mounting	VESA, Planar Profile™ Mount			VESA, Planar Profile™ Mount	VESA		VESA, Deskstand (Included)



When image experience matters.

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