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. Planar offers a best-in-class portfolio of 4K LCD display solutions that deliver unparalleled Ultra HD image quality and performance for resolution-rich commercial applications.

Ultra HD products from Planar deliver experiences that enable users to view and interact with 4K content in unique ways. More than just a display, Planar's 4K LCD displays offer immersive experiences in sizes ranging from 50" 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 LCD 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 superior performance with exceptional 4K clarity and advanced processing, ideal for applications ranging from collaborative meeting spaces to high-impact digital signage.

Features and Benefits:

- Available in 75", 84" and 98"
- Best-in-class image and color quality
- Cutting edge 4K @ 60Hz support with Display Port 1.2 and HDMI 2.0
- Next-generation 4K compatibility with HDCP 2.2
- Ultra slim Planar® Profile™ Mounting System
- Expansion slot supports Intel's Open Pluggable Specification (OPS)
- Planar® TouchMark™ annotation and whiteboarding software license included with each touch model
- Optional Planar® ERO™ and multi-touch technology

MULTI-SOURCE VIEWING

Built-in Planar® MediaPlex™ Plus Processing offers advanced versatility and control of multi-source viewing.

Features and Benefits:

- Multiple sources can be viewed simultaneously in dual, triple, quad or picture-in-picture (PiP) layouts
- Precise image adjustments optimize picture quality at the source level

- Seamless upscaling and downscaling within any layout
- Ability to recall and schedule custom preset configurations
- Available Planar® UltraRes™ App enables simplified on-the-fly switching of layouts and sources from any iOS or Android mobile device
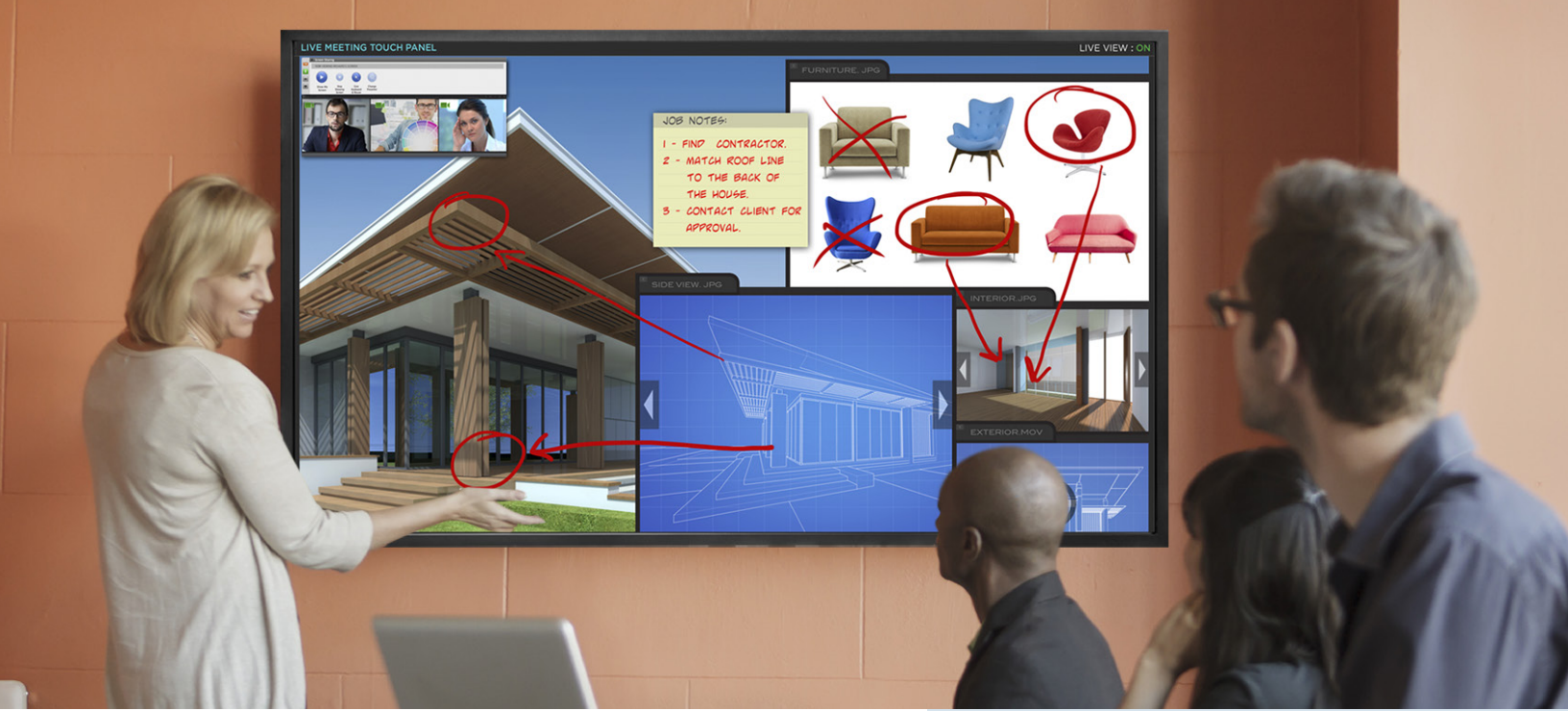
PLANAR EP SERIES | *High performance and interactive 4K display solutions*

The 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 50", 58" and 65"
- Designed for 24x7 operation
- Ultra slim, logo-free metal bezel
- Built-in speakers
- Multi-touch models available
- Planar® TouchMark™ annotation and whiteboarding software license included with each touch model

- Expansion slot supports Intel's Open luggable Specification (OPS)
- Supports landscape and portrait orientation
- Multi-source viewing supports PiP, dual, triple, and quad layouts
- Supports native 4K at up to 60Hz with Display Port 1.2

IMMERSIVE 4K EXPERIENCE

4K displays produce resolution and picture quality not before seen. With four times the resolution of Full HD, Planar Ultra HD LCD displays deliver amazingly life-like picture quality and an immersive display experience.

When displaying Ultra HD content, Planar 4K LCD displays deliver clarity and detail that appears sharp even at close viewing distances - no detail is missed. With vast connectivity, Planar 4K LCD displays can be used interchangeably with Full HD and Ultra HD sources today and emerging 4K sources coming to market in the future.

ENGAGING TOUCH TECHNOLOGY

Planar 4K LCD 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.

INTERACTIVE ANNOTATION

For annotation and whiteboarding needs, Planar TouchMark is the premier collaboration solution. This easy-to-use software provides the essential toolset for collaborating on-screen in meeting rooms and classrooms. Planar TouchMark pairs nicely with any Planar touch-enabled displays, many of which support multi-user drawing and interaction. Planar TouchMark is available on select models.

LOGO-FREE

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

Planar Commercial-Grade 4K LCD 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
Bezel	Durable, symmetrical design; logo-free	No
Support for extended use	Commercial-grade panel and backlight	No
Landscape/portrait	Both*	Landscape only
Brightness	Up to 550 nit	Ranges from 200-300 nit
Commercial connectivity	Yes	No
Display control	RS-232 and LAN	No
Multi-source viewing	Yes	No
OPS slot	Yes	No
Protective glass	Yes*	No
Touch screen	Yes	No
Warranty	3 years advance replacement	1 year parts and labor

*Available on select Planar models

PLANAR ULTRARES SERIES

Model	UR7551	UR8451-LX	UR8451-MX	UR9851	UR9851-3D
Screen Diagonal	75"	84"		98"	
Native Resolution	3840 x 2160				
Brightness (typ)	450 cd/m^2	350 cd/m^2	500 cd/m^2	500 cd/m^2	500 cd/m^2
Color Gamut	72% NTSC				
Backlight Type	D-LED	E-LED		D-LED	
Bezel Width	0.8" (20mm)	1.1" (29.mm) left/right; 1.3" (32.mm) top/bottom		0.9" (22mm)	
Recommended Usage	All-day		24x7		All-day
Orientation	Landscape	Landscape	Landscape / Portrait	Landscape / Portrait	Landscape
Display Depth	3.6" (93mm)				
Inputs	HDMI 2.0 x 2 (HDCP 2.2), HDMI 1.4 x 2, Display Port 1.2 x 1, OPS, IR				
Display Control	LAN RJ45, RS232 in, IR, Keypad, Mobile app				
Built-in Speakers	10Wx2 built-in				
Fanless	Yes				
Multi-Source Viewing	Yes				
Supported 4K Modes	1x 3840x2160 @ 24/25/30/50/60Hz				
Mounting	Planar® Profile™ Mounting System, VESA				

PLANAR EP SERIES

Model	EP5014K	EP5814K	EP6514K
Screen Diagonal	50"	58"	65"
Native Resolution	3840 x 2160		
Brightness (typ)	550 cd/m^2	480 cd/m^2	450 cd/m^2
Color Gamut	88% NTSC	98% NTSC	72% NTSC
Backlight Type	E-LED		
Bezel Width	0.8" (21mm)	0.6" (14mm)	0.5" (12mm)
Recommended Usage	24x7		
Orientation	Landscape / Portrait		
Display Depth	2.6" (67mm)	3.7" (78mm)	3.1" (80mm)
Inputs	HDMI 1.4 x 4; Display Port 1.2 x 1, OPS, VGA, IR		
Display Control	LAN RJ45, RS232 in, IR, Keypad		
Built-in Speakers	10Wx2 built-in		
Fanless	Yes		
Multi-Source Viewing	Yes		
Supported 4K Modes	1x3840x2160 @ 24/25/30/50/60Hz		
Mounting	VESA		

PLANAR ULTRARES SERIES TOUCH

Model	UR7551 Touch	UR8451-LX Touch	UR8451-MX Touch	UR9851 Touch	UR9851-3D Touch
Screen Diagonal	75"	84"		98"	
Native Resolution	3840 x 2160				
Brightness (typ)	450 cd/m²	350 cd/m²	500 cd/m²	500 cd/m²	500 cd/m²
Color Gamut	72% NTSC				
Backlight Type	D-LED	E-LED		D-LED	
Bezel Width	1.4" (34mm)	1.6" (40mm) left/right; 1.7" (43mm) top/bottom		1.3" (33mm)	
Recommended Usage	All-day		24x7		All-day
Orientation	Landscape	Landscape	Landscape / Portrait	Landscape / Portrait	Landscape
Display Depth	4.1" (104 mm)				
Inputs	HDMI 2.0 x 2 (HDCP 2.2), HDMI 1.4 x 2, Display Port 1.2 x 1, OPS, IR				
Display Control	LAN RJ45, RS232 in, IR, Keypad, Mobile app				
Built-in Speakers	10Wx2 built-in				
Fanless	Yes				
Touch Technology	32 pt IR				
Multi-Source Viewing	Yes				
Supported 4K Modes	1x 3840x2160 @ 24/25/30/50/60Hz				
Mounting	Planar Profile Mounting System, VESA				
Planar TouchMark	Yes				

PLANAR EP SERIES TOUCH

Model	EP5014K-T	EP5814K-T	EP6514K-T
Screen Diagonal	50"	58"	65"
Native Resolution	3840 x 2160		
Brightness (typ)	550 cd/m²	480 cd/m²	450 cd/m²
Color Gamut	88% NTSC	98% NTSC	72% NTSC
Backlight Type	E-LED		
Bezel Width	0.7"(19mm)	0.7"(19mm)	0.8"(20mm)
Recommended Usage	24x7		
Orientation	Landscape / Portrait		
Display Depth	3.7" (95mm)	3.7" (95mm)	3.8" (96mm)
Inputs	HDMI 1.4 x 4; Display Port 1.2 x 1, VGA, OPS, IR		
Display Control	LAN RJ45, RS232 in, IR, Keypad		
Built-in Speakers	10Wx2 built-in		
Fanless	Yes		
Touch Technology	6 pt IR		
Multi-Source Viewing	Yes		
Supported 4K Modes	1x3840x2160@ 24/25/30/50/60Hz		
Mounting	VESA		
Planar TouchMark	Yes		

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