



## 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 displays from Planar deliver experiences that enable users to view and interact with 4K content in unique ways. More than just a display, Planar 4K LCD displays offer immersive experiences in sizes ranging from 50" to 98".

**Touchboards**

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# Ultra HD LCD Product Lines

Planar offers a unique portfolio of 4K LCD displays solutions 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", 86" and 98"
- Best-in-class image and color quality
- Cutting-edge 4K @ 60Hz support with DisplayPort 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



## PLANAR QE SERIES

*Commercial-Grade 4K digital Signage Displays*

The Planar® QE Series offers an impressive end-to-end solution for



designing, distributing and playing back ultra-high resolution content. Available with an embedded 4K media player, a wide variety of input connectivity, single or quad-source viewing and optional multi-touch technology, Planar QE Series is ideal for applications ranging from dynamic digital signage to collaborative meeting spaces.

## PLANAR EP SERIES

*High Performance 4K Display Solutions*

The Planar® EP Series delivers superior performance and reliability for



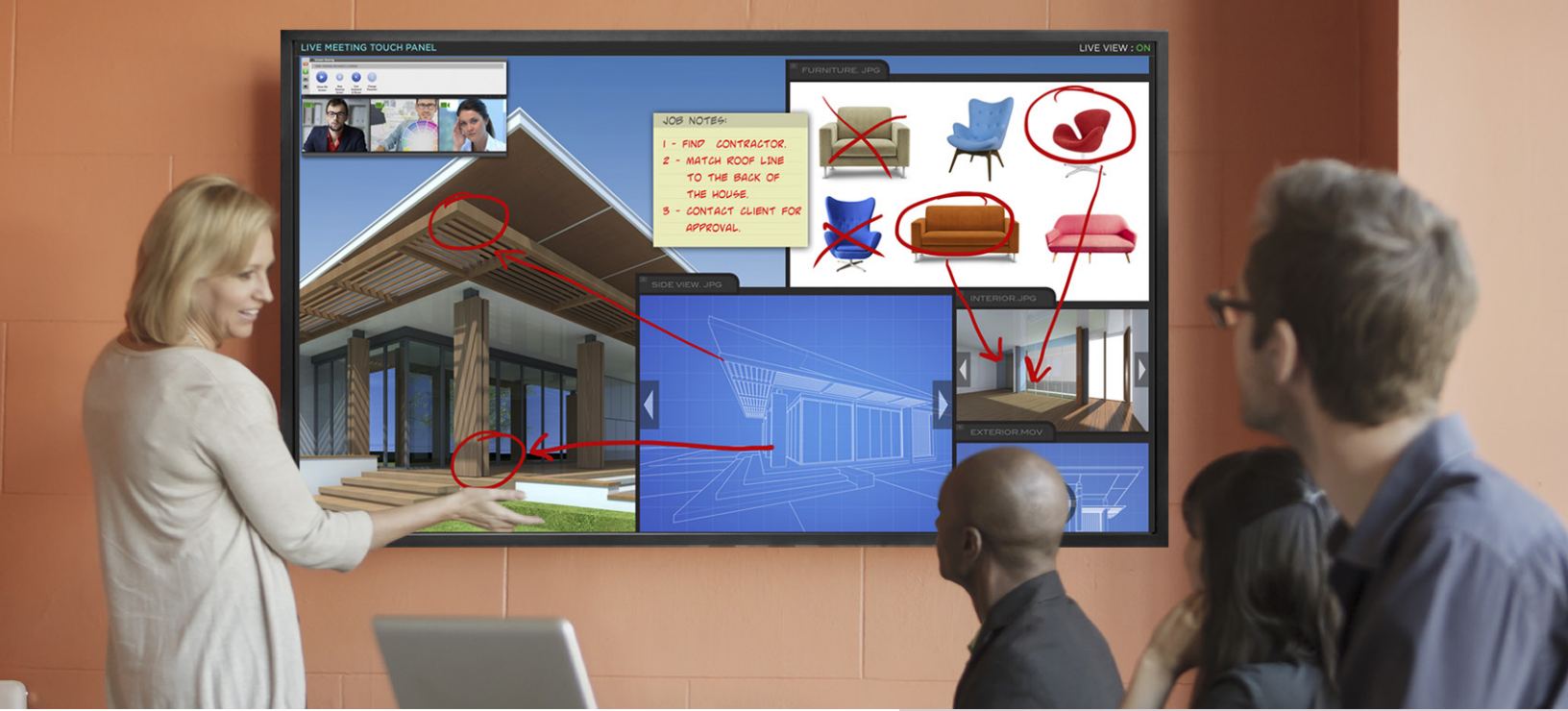
demanding public venue, corporate and control room applications. With OPS compatibility and interactive touch options, Planar EP Series displays can be transformed into complete digital signage or meeting room solutions.

### Features and Benefits:

- Available in 75", 86" and 98"
- Embedded Planar® ContentSmart™ 4K media player and software
- Cutting-edge 4K @ 60Hz support with DisplayPort 1.2 and HDMI 2.0
- Next-generation 4K compatibility with HDCP 2.2
- Multi-source viewing of 4 simultaneous sources in quadrants
- Built-in speakers
- Supports landscape and portrait orientation
- Fully integrated multi-touch models available
- Planar TouchMark annotation & whiteboarding software license included with each touch model

### 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 & whiteboarding software license included with each touch model
- Expansion slot supports Intel's Open Pluggable Specification (OPS)
- Supports landscape and portrait orientation
- Multi-source viewing supports PIP, dual, triple & quad layouts
- Cutting-edge 4K @ 60Hz with DisplayPort 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.

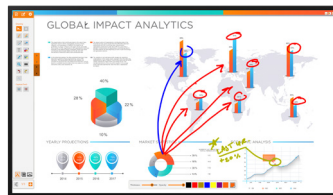
When displaying Ultra HD content, Planar 4K LCD displays deliver clarity and detail that appears sharp even at close viewing distances - no detail is missed. With vast connectivity, Planar 4K LCD displays can be used interchangeably with Full HD and Ultra HD sources today and emerging 4K sources coming 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. The displays offer precise multi-touch interactivity 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 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 550 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>Protective glass</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	UR7551-MX	UR8651-MX	UR9851	UR7551-MX-Touch	UR8651-MX-Touch	UR9851-Touch
Screen Diagonal	75"	86"	98"	75"	86"	98"
Native Resolution	3840 x 2160			3840 x 2160		
Brightness (typ)	500 cd/m <sup>2</sup>			500 cd/m <sup>2</sup>		
Backlight Type	E-LED		D-LED	E-LED		D-LED
Bezel Width	0.8" (20mm)	0.8" (21mm)	0.9" (22mm)	1.5" (38mm)		1.3" (33mm)
Recommended Usage	24x7			24x7		
Orientation	Landscape / Portrait			Landscape / Portrait		
Display Depth	3.4" (87mm)		3.6" (93mm)	3.9" (98 mm)		4.1" (104 mm)
Inputs	HDMI 2.0 x 2 (HDCP 2.2), HDMI 1.4 x 2, DisplayPort 1.2 x 1, OPS, IR			HDMI 2.0 x 2 (HDCP 2.2), HDMI 1.4 x 2, DisplayPort 1.2 x 1, OPS, IR		
Display Control	LAN RJ45, RS232 in, IR, Keypad, Mobile app			LAN RJ45, RS232 in, IR, Keypad, Mobile app		
Touch Technology	N/A			32 pt IR		
Mounting	Planar Profile Mounting System, VESA			Planar Profile Mounting System, VESA		
Planar TouchMark	N/A			Yes		

## PLANAR QE SERIES

Model	QE7550	QE8650	QE9850	QE7550-Touch	QE8650-Touch	QE9850-Touch
Screen Diagonal	75"	86"	98"	75"	86"	98"
Native Resolution	3840 x 2160			3840 x 2160		
Brightness (typ)	500 cd/m <sup>2</sup>		400 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>		400 cd/m <sup>2</sup>
Backlight Type	E-LED		D-LED	E-LED		D-LED
Bezel Width	0.6" (15mm)	0.6" (16mm)		1.2" (31mm)		
Recommended Usage	24x7			24x7		
Orientation	Landscape / Portrait			Landscape / Portrait		
Display Depth	3.2" (82mm)	3.3" (84mm)	3.8" (97mm)	3.6" (92mm)	3.7" (95mm)	4.4" (111mm)
Inputs	HDMI 2.0 x 2 (HDCP 2.2), HDMI 1.4 x 2; DisplayPort 1.2 x 1, embedded Planar ContentSmart media player			HDMI 2.0 x 2 (HDCP 2.2), HDMI 1.4 x 2; DisplayPort 1.2 x 1, embedded Planar ContentSmart media player		
Display Control	LAN RJ45, RS232 in, IR, Keypad			LAN RJ45, RS232 in, IR, Keypad		
Touch Technology	N/A			20 pt IR		
Mounting	VESA			VESA		
Planar TouchMark	N/A			Yes		

## PLANAR EP SERIES

Model	EP5014K	EP5814K	EP6514K	EP5014K-T	EP5814K-T	EP6514K-T
Screen Diagonal	50"	58"	65"	50"	58"	65"
Native Resolution	3840 x 2160 @ 24/25/30/50/60Hz			3840 x 2160 @ 24/25/30/50/60Hz		
Brightness (typ)	550 cd/m <sup>2</sup>	480 cd/m <sup>2</sup>	450 cd/m <sup>2</sup>	550 cd/m <sup>2</sup>	480 cd/m <sup>2</sup>	450 cd/m <sup>2</sup>
Backlight Type	E-LED			E-LED		
Bezel Width	0.8" (21mm)	0.6" (14mm)	0.5" (12mm)	0.7" (19mm)	0.7" (19mm)	0.8" (20mm)
Recommended Usage	24x7			24x7		
Orientation	Landscape / Portrait			Landscape / Portrait		
Display Depth	2.6" (67mm)	3.2" (80mm)	3.1" (80mm)	3.3" (83mm)	3.7" (95mm)	3.8" (96mm)
Inputs	HDMI 1.4 x 4; DisplayPort 1.2 x 1, OPS, VGA, IR			HDMI 1.4 x 4; DisplayPort 1.2 x 1, VGA, OPS, IR		
Display Control	LAN RJ45, RS232 in, IR, Keypad			LAN RJ45, RS232 in, IR, Keypad		
Touch Technology	N/A			6 pt IR		
Mounting	VESA			VESA		
Planar TouchMark	N/A			Yes		