



# 4K Large Format LCD Displays



## Superior 4K Clarity for Professional Applications

As global leaders in display technology, Leyard and Planar, a Leyard Company innovate and redefine the standards for display design, performance and reliability. Best-in-class Planar 4K LCD display solutions deliver unparalleled Ultra HD image quality and performance for resolution-rich commercial applications.

Planar Ultra HD displays offer 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 43" to 98".

# 4K LCD Product Lines

Leyard and Planar offer 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 Design and State-of-the-Art 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

- Available in 75", 86" and 98"
- Exceptional image quality and color accuracy
- 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 OPS
- Optional Planar® ERO™ and multi-touch technology
- Planar® TouchMark™ annotation and white boarding software license included with touch models
- Designed for 24x7 operation

## Planar QE Series

*Commercial-Grade 4K Digital Signage Displays*

Planar® QE Series displays offer 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, the Planar QE Series is ideal for applications ranging from dynamic digital signage to collaborative meeting spaces.



### FEATURES

- Available in 75", 86" and 98"
- Exceptional image quality and color accuracy
- 4K @ 60Hz support with DisplayPort 1.2 and HDMI 2.0
- Next-generation 4K compatibility with HDCP 2.2
- Embedded Planar® ContentSmart™ 4K media player and software
- Optional multi-touch technology with Planar ERO
- Planar TouchMark annotation and white boarding software license included with touch models
- Designed for 24x7 operation

## 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

- Available in 50", 58" and 65"
- Exceptional image quality
- 4K @ 60Hz support with DisplayPort 1.2 and HDMI 2.0
- Next-generation 4K compatibility with HDCP 2.2
- Expansion slot supports Intel's OPS
- Optional multi-touch technology
- Planar TouchMark annotation and white boarding software license included with touch models
- Designed for 24x7 operation

## Planar Simplicity Series 4K

*Sleek, Affordable 4K Digital Signage Displays*

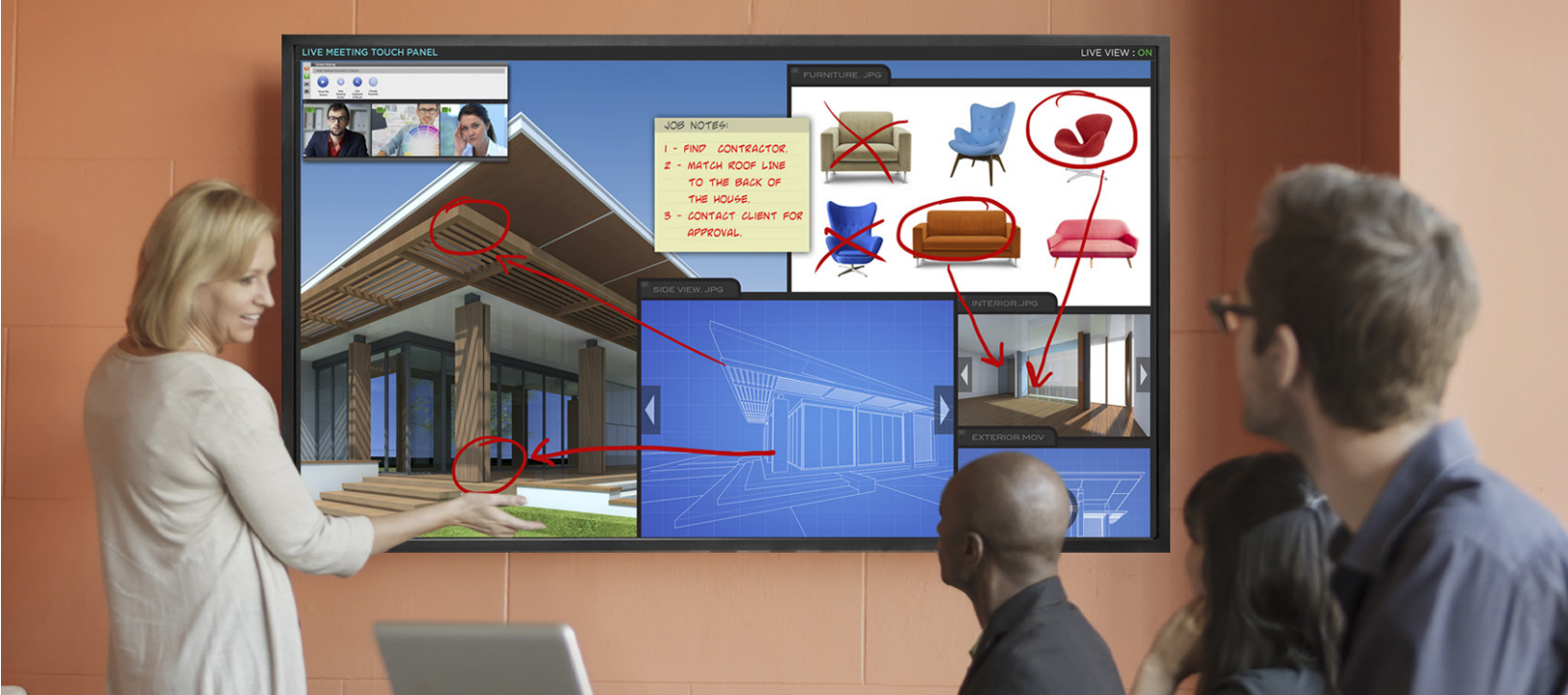
The Planar® Simplicity™ Series 4K is designed with simplicity and affordability in mind, while delivering superior image quality and video performance. Ideal for a broad range of applications, the Planar



Simplicity Series 4K offers a wide variety of sizes designed to meet the needs of everything from retail to museums.

### FEATURES

- Available in 43", 50", 55", 65", 75" and 86"
- Exceptional image quality
- 4K @ 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 supports Intel's OPS (65" - 86" only)



## Immersive 4K Experience

Delivering four times the resolution of Full HD, Planar 4K LCD displays produce amazing, life-like picture quality and an immersive display experience. No detail is missed when 4K content is shown on 4K LCD displays thanks to sharp clarity and crisp image quality even at close viewing distances. Ultra HD LCD displays also offer vast connectivity so the display can be used interchangeably with Full HD and Ultra HD sources today and emerging 4K sources coming to market in the future.

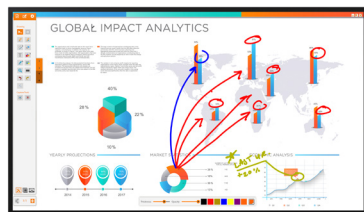
## Engaging Touch Technology

Select Planar 4K LCD displays can be transformed into fully integrated touch screens to create interactive experiences for public information, way finding, 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 white boarding 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.



## 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.

## COMMERCIAL-GRADE 4K LCD DISPLAYS

Commercial-grade 4K LCD displays from Leyard and Planar 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 Leyard and 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 500 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 models*



## PLANAR ULTRARES SERIES

Model	UR7551-MX / UR7551-MX-Touch	UR8651-MX / UR8651-MX-Touch	UR9851 / UR9851-Touch
Screen Diagonal	75"	86"	98"
Native Resolution	3840 x 2160		
Brightness (typ)	500 cd/m <sup>2</sup>		
Backlight Type	E-LED		D-LED
Bezel Width	0.8" (20mm) / 1.5" (38mm)	0.8" (21mm) / 1.5" (38mm)	0.9" (22mm) / 1.3" (33mm)
Recommended Usage	24 x 7		
Orientation	Landscape, Portrait		Landscape, Portrait <i>(Landscape for ERO and ERO Touch models)</i>
Display Depth	3.4" (87mm) / 3.9" (98mm)		3.6" (93mm) / 4.1" (104mm)
Inputs	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		
Touch Technology	32-point IR touch for UltraRes 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"
Native Resolution	3840 x 2160		
Brightness (typ)	500 cd/m <sup>2</sup>		400 cd/m <sup>2</sup>
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 <i>(Landscape ERO Touch model)</i>
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 (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		
Touch Technology	20-point IR touch for QE Touch models only		
Mounting	VESA		
Planar TouchMark	Yes (Touch models only)		

## PLANAR EP SERIES

Model	EP5024K	EP5824K	EP6524K	EP5024K-T	EP5824K-T	EP6524K-T
Screen Diagonal	50"	58"	65"	50"	58"	65"
Native Resolution	3840 x 2160					
Brightness (typ)	500 cd/m <sup>2</sup>			500 cd/m <sup>2</sup>		
Backlight Type	E-LED	E-LED	D-LED	E-LED	E-LED	D-LED
Bezel Width	0.8" (21mm)	0.6" (14mm)	0.7" (17mm)	0.7" (18mm)	0.9" (22mm)	0.7" (17mm)
Recommended Usage	24x7			24x7		
Orientation	Landscape, Portrait			Landscape, Portrait		
Display Depth	2.6" (67mm)	3.1" (80mm)	3.4" (86mm)	3.3" (84mm)	3.8" (98mm)	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			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			LAN RJ45, RS232 in, IR, Keypad		
Touch Technology	N/A			20 pt IR (HID compliant Microsoft® Windows 7, 8 and 10)		
Mounting	VESA: 200mm x 200mm	VESA: 200mm x 400mm	VESA: 400mm x 400mm	VESA: 200mm x 200mm	VESA: 200mm x 400mm	VESA: 400mm x 400mm
Planar TouchMark	N/A			Yes		

## PLANAR SIMPLICITY SERIES 4K

Model	SL4364K	SL5064K	SL5564K	SL6564K	SL75654K	SL8664K
Screen Diagonal	43"	50"	55"	65"	75"	86"
Native Resolution	3840 x 2160					
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: 200mm x 200mm; 200mm x 400mm	VESA: 400mm x 400mm	VESA: 400mm x 200mm	VESA: 400mm x 200mm; 400mm x 400mm	VESA: 600mm x 400mm	

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