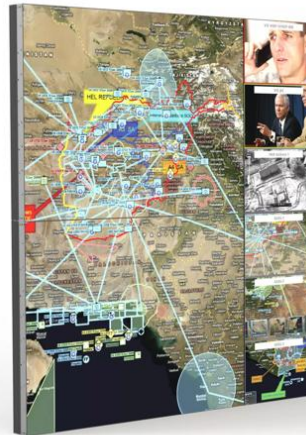
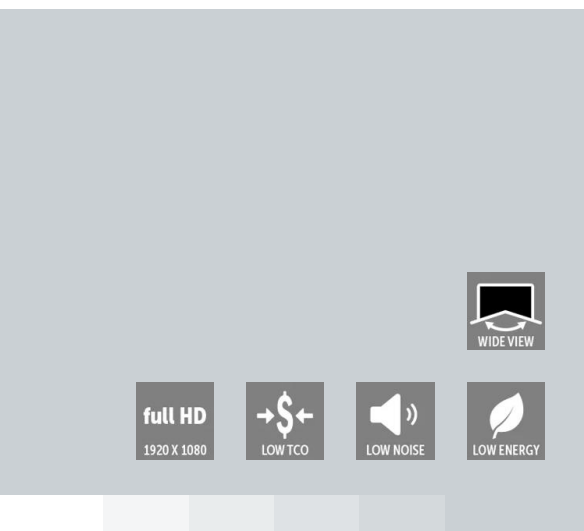


OverView KVD5521

55" near-seamless LCD video wall for high and mid-end applications



- High reliability
- Optional Sense X automatic calibration system
- Optional remote and redundant power supply
- Also available as a package

Barco's OverView KVD5521 is a high-performance, mid level brightness (500 cd/m² typical) and cost optimized 55" LCD-panel, dedicated for use in tiled video wall applications. With an extremely narrow bezel of only 3.5 mm (0.14"), excellent colors and contrast, and a wide viewing angle, the OverView KVD5521 takes the visual performance of LCD video walls to a new level.

Its best in class temperature sensor controlled heat management system, uses ultra low noise fans to ensure optimal cooling at all time, maximizing the backlight's lifetime. Additional innovations and low power consumption ensure this panel delivers maximal image quality at a minimal TCO.

Saving costs with automatic color and brightness calibration

All the different screens in a tiled LCD video wall need to be perfectly balanced in terms of colors and brightness, so regular calibration is essential. As the first and only manufacturer, Barco now introduces its SenseX automatic color and brightness calibration system, that lets you calibrate the complete wall within minutes, without any external sensor or manual intervention.

External power supply without performance loss

As an option, you can choose an external power supply. This allows to greatly reduce the maintenance costs, as there is no need for an expensive specialized technician. Everybody with a screwdriver can maintain and replace the equipment. Unlike competing models there is no performance impact for longer cables, so the external power supply can be positioned up to 100 meter from the video wall without any loss in image quality or brightness.

Available as Instant VideoWall bundle

Barco also offers complete packages, containing four, six or eight OverView KVD5521 displays to create a 2x2, 3x2 or 4x2 video wall respectively, complete with wall mounts and cables. Optionally, you can bundle it with a controller, and software. In this way, you have your completely configured video wall solution in one package.

Product specifications

OVERVIEW KVD5521

Panel			
LCD technology	IPS		
Resolution	Full HD (1920 x 1080)		
Backlight	Direct LED		
Aspect ratio	16:9		
Pixel density	40 dpi		
Refresh rate	60 Hz		
Luminance	500 cd/m ² (typ.)		
Contrast	1400:1 (typ.) 500000:1 (dynamic)		
Viewing angle	H 178° V 178°		
White point	10,000 K		
Calibration	SenseX automatic color and brightness calibration		
Backlight lifetime	60,000 h (typ)		
MTBF	100,000 h (half brightness)		
Cooling	Ultra low noise fans		
Screen haze	10%		
Operating temperature	0-40°C		
Operational humidity	10-80% non-condensing		
Dust filters	ISO 14644-1 ISO class 8		
Storage temperature	-20°C-60°C		
Storage humidity	5-95% non-condensing		
Dimensions			
Dimensions	1213 x 684 x 98.2 mm 47.8" x 26.9" 3.87"		
Active screen diagonal	54.6" (1388 mm)		
Active screen area	1210 mm x 680 mm 47.63" x 26.79"		
Weight	29.8 kg		
Bezel width generation	3.5 mm 0.14"		
Connectivity			
DVI	2 inputs		
Remote control	External dongle with approx. 1m 3.5mm Stereo Male to IR Receiver		
OPS Open Pluggable Specification	Yes		
DisplayPort	1 input/output		
Ethernet port	2		
HDCP	Yes		
HDMI	1 input		
USB	1 input (USB 2.0)		
Power			
AC input voltage	100-240 VAC, 50-60 Hz		
Power consumption		Integrated power supply	External power supply
	Typ.	180 W	178 W
	Max.	290 W	280 W
Heat dissipation		Integrated power supply	External power supply
	Typ.	615 BTU/h	698 BTU/h
	Max.	990 BTU/h	956 BTU/h
EnergyStar	Full wall EnergyStar		

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