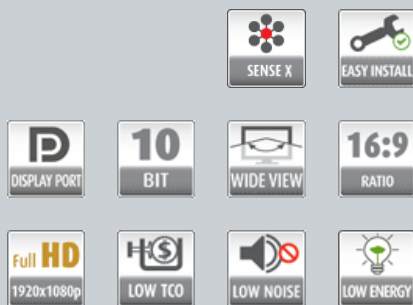


OverView KVD5521B

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



- Easy servicing and shorter interventions
- Fan-less solution for noiseless applications
- Best inter-tile color and brightness calibration
- User-friendly video wall setup and control interface
- Optional 5 year service packages
- Suitable for 24/7 operations and mission critical applications
- Clear and clean DOA procedure

Barco's OverView KVD5521B 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 a bezel of 3.5 mm (0.14"), excellent colors and contrast, and a wide viewing angle, the OverView KVD5521B provides great value to entry level and mid-end applications.

Saving costs with automatic color and brightness calibration

The OverView KVD5521B is an improved and optimized version of the successful KVD5521, and builds on the excellent reputation of Barco's LCD video wall portfolio. The signature innovative Sense X - Barco's automatic, continuous and real-time color and brightness calibration system - ensures that the complete wall produces a perfectly balanced image at all times. The absence of cooling fans not only minimizes the noise production, but also ensures that no moving parts - which are susceptible to wear and have a limited lifetime - are used. Plus, the introduction of DisplayPort V1.2, enabling to feed 4 displays in loop-through with 4K@60Hz content, is very important for easy connection with a limited number of cables.

A modular approach for enhanced uptime

In order to guarantee an optimal uptime, the KVD5521B platform has a number of features to both prevent downtime and to speed up servicing. The input boards and power supplies can be quickly removed from the display, so they can be easily maintained or replaced. The use of LCD Connect makes it much easier to control the video wall, further improving the user-friendliness.

PRODUCT SPECIFICATIONS**OVERVIEW KVD5521B**

Panel			
LCD technology	IPS		
Resolution	Full HD (1920 x 1080)		
Backlight	Direct LED		
Aspect ratio	16:9		
Luminance	500 cd/m ² (typ.)		
Contrast	1400:1 (typ.)		
White point	native 10,000 K (typ.)		
Calibration	Sense X automatic color and brightness calibration		
Precision	10 bit processing		
Backlight lifetime	60,000 h (typ)		
Cooling	Fanless		
Screen haze	10%		
Operating temperature	0-40°C		
Operational humidity	20-80% non-condensing		
Dimensions			
Dimensions	1213 x 684 x 69 mm 47.8" x 26.9" 2.73" (without SMPS) 1213 x 684 x 100 mm 47.8" x 26.9" 3.94" (without SMPS, considering M6 mounting standoff) 1213 x 684 x 121 mm 47.8" x 26.9" 4.77" (with SMPS)		
Active screen diagonal	55" (1397 mm)		
Active screen area	1212 mm x 680 mm 47.72" x 26.79"		
Weight	17.4 kg (LCD net) 16.8 kg (LCM net) 30.5 kg (LCD gross, including package) 19.3 kg (LCM gross, including package)		
Bezel width	3.5 mm 0.14"		
Connectivity			
DisplayPort	2 inputs / 1 output		
Ethernet port	2		
HDCP	Yes		
HDMI	2 inputs		
USB	2 input (only for power)		
Power			
AC input voltage	100-240 VAC, 50-60 Hz		
Power consumption		Integrated power supply	External power supply
	500 nit native	190 W	157 W
	350 nit native	126 W	92 W
Heat dissipation		Integrated power supply	External power supply
	500 nit native	580 BTU/h	536 BTU/h
	350 nit native	342 BTU/h	314 BTU/h

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Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.