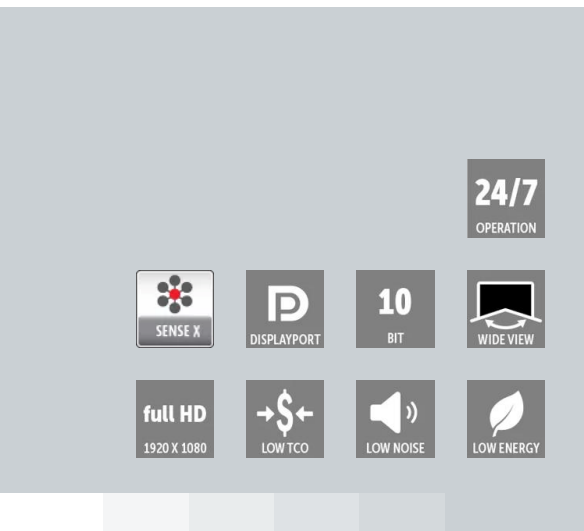


# OverView KVD5521B

55" ultra narrow bezel (3.5 mm) 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/m<sup>2</sup> 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 part of Barco's highly renowned and industry-leading OverView LCD video wall portfolio - which complements the premium Barco UniSee platform. The signature innovative Sense X - Barco's automatic 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**

The Barco OverView LCD portfolio is designed to meet the needs of mission critical applications where unexpected failures must be optimized. Therefore, 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 WallConnect 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 <sup>2</sup> (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	
Mounting	VESA 600x400	
Dimensions		
Dimensions	1213.4 x 684.2 x 69 mm   47.77" x 26.94" 2.73" (without SMPS) 1213.4 x 684.2 x 100 mm   47.77" x 26.94" 3.94" (without SMPS, considering M6 mounting standoff) 1213.4 x 684.2 x 121 mm   47.77" x 26.94" 4.77" (with SMPS)	
Active screen diagonal	55" (1397 mm)	
Active screen area	1209.6 mm x 680.4 mm   47.62" x 26.79"	
Weight	28 kg   61.7 lbs (LCD net) / 30.5 kg   67.2 lbs (LCD gross, including package)	
Bezel width generation	3.5 mm   0.14" (2.3mm + 1.2mm   0.09" + 0.05") (Active-to-active width: 3.8 mm   0.15")	
Connectivity		
DisplayPort	2 DP1.2 inputs (DisplayPort 1.2 cables must be used when the cable length exceeds 3m / 10 feet) 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	500 nit native	190 W
	350 nit native	126 W
Heat dissipation	500 nit native	580 BTU/h
	350 nit native	342 BTU/h

Last updated: 15 Mar 2023

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