

OverView KVD-5521C

55" ultra narrow bezel (UNB) LCD video wall for entry level and mid-end applications



- 500 Nit brightness, UNB generation
- Superb inter-tile color and brightness
- User-friendly video-wall setup and control interface
- Sense X brightness and color automatic calibration with integrated sensors
- Fan-less solution for noiseless performance
- Optional 5-year service packages

Barco's OverView KVD-5521C 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. Being part of the UNB 3.5 mm bezel generation, with excellent colors and a wide viewing angle, the OverView KVD-5521C provides great value to entry level and mid-end applications.

Saving costs with automatic color and brightness calibration

The OverView KVD-5521C 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 - thus avoiding a video wall with a 'checkerboard' pattern image. Barco is the only company in the market enabling this type of automatic calibration in real-time based on integrated brightness and color sensors.

Striving towards enhanced uptime

The use of Barco's Video wall Manager makes it much easier to control the video wall, further improving the user-friendliness. This ease of operation is now even more pronounced with the new Video wall Management Suite, a cloud-based remote monitoring, diagnostics and control solution for Barco video walls. This offers AV system integrators and managed service providers the possibility to remotely manage the complete installed base from a central location. This not only lowers operational costs, but also ensures faster and more effective troubleshooting and increased customer satisfaction.

Product specifications**OVERVIEW KVD-5521C**

Panel	
LCD technology	In-plane technology
Resolution	Full HD (1920 x 1080)
Backlight	Direct LED
Aspect ratio	16:9
Luminance	500 cd/m ² (typ.)
Temperature sensors	Yes
Uniformity	9P: 95%
Contrast	1200:1 (typ.)
Color depth	8 bits
White point	native 10,000 K (typ.)
Calibration	Sense X automatic color and brightness calibration
Backlight lifetime	50,000 h (typ)
Cooling	Fanless
Response time	< 8ms
Screen haze	25%
Viewing angle (H, V)	178, 178 degrees
Operating temperature	0 - 40°C
Operational humidity	20 - 80% non-condensing
Storage temperature	-20 - 60°C
Storage humidity	10 - 80% non-condensing
Mounting	VESA 600x400
Operation	24/7
Dimensions	
Dimensions	1213.5 x 684.3 x 122.9 mm 47.77" x 26.94" x 4.84"
Active screen diagonal	55" (1397 mm)
Active screen area	1209.6 mm x 680.4 mm 47.62" x 26.79"
Weight	27.55 kg 60.74 lbs
Bezel width generation	UNB (3.5 mm 0.14") generation
Connectivity	
DisplayPort	2 DP1.2 inputs (DisplayPort 1.2 cables must be used when the cable length exceeds 3m / 10 feet) 1 DP1.2 output
HDMI	2 HDMI 2.0 inputs
HDCP	Yes
Ethernet port	1
USB	1 input (only for power)
Power	
AC input voltage	100-240 VAC, 50-60 Hz
Power consumption	190W (500 nit native)
Heat dissipation	650 BTU/h

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