

OverView LVD-5521C

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



- 500 Nit brightness, ENB 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 LVD-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 ENB 1.8 mm bezel generation, with excellent colors and a wide viewing angle, the OverView LVD-5521C provides great value to entry level and mid-end applications.

Saving costs with automatic color and brightness calibration

The OverView LVD-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.

The use of Barco's Video wall Manager makes it much easier to control the video wall, further improving the user-friendliness.

Product specifications**OVERVIEW LVD-5521C**

Panel	
Resolution	Full HD (1920 x 1080)
Backlight	Direct LED
Aspect ratio	16:9
Luminance	500 cd/m ² (typ.)
Contrast	1200:1 (typ.)
White point	native 10,000 K (typ.)
Color depth	10 bits
Calibration	Sense X automatic color and brightness calibration
Backlight lifetime	60,000 h (typ.)
Cooling	Fanless
Response time	< 8ms
Screen haze	28%
Temperature sensors	Yes
Uniformity	9P: 95%
Viewing angle (H, V)	178, 178 degrees
Operating temperature	0 - 40°C
Operational humidity	10 - 90% non-condensing
Operational humidity	10% - 90% (non-condensing)
Operation	24/7
Storage temperature	-20°C - 60°C
Storage humidity	10 - 90% non-condensing
Mounting	VESA 600x400
Dimensions	
Dimensions	1211.9 x 682.7 x 121.1 mm 47.71" x 26.88" x 4.77"
Active screen diagonal	55" (1397 mm)
Active screen area	1209.6 mm x 680.4 mm 47.62" x 26.79"
Weight	26 kg 57.32 lbs
Bezel width generation	ENB (1.8 mm 0.07") 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
Streaming video standards	Protocol: RTP/UDP multicast ; Video compression format: H.264 up to 1080p@60fps, HiP (High Profile) 4:2:0, Level 4.2
USB	1 input (only for power)
Power	
AC input voltage	100-240 VAC, 50-60 Hz
Power consumption	170 W (500 nit native)
Heat dissipation	580 BTU/hr

Last updated: 12 Apr 2024

© 2018 Barco nv. All rights reserved. Reproduction in whole or in part without written permission is prohibited. All brand names and product names are trademarks, registered trademarks or tradenames of their respective holders. Due to continued innovation, information and technical specifications are subject to change without prior notice. Please check www.barco.com for the latest specifications.