

OverView HVD5521

55" near--seamless (1.8 mm bezel) LCD video wall for tiled video wall applications



- High brightness
- Very reliable
- Sense X automatic calibration
- Remote redundant power supply (optional)
- Optimized for content with white background

Barco's OverView HVD5521 is a high-performance, high level brightness (700 cd/m² typical) 55" LCD-panel, dedicated for use in tiled video wall applications. With an extremely narrow bezel-to-bezel width of only 1.8 mm (0.071"), excellent colors, uniformity and a wide viewing angle, the OverView HVD5521 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 Sense X 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.

PRODUCT SPECIFICATIONS**OVERVIEW HVD5521**

Panel			
LCD technology	IPS		
Screen haze	44%		
Resolution	Full HD (1920 x 1080)		
Backlight	Direct LED		
Aspect ratio	16:9		
Refresh rate	60 Hz		
Luminance	700 cd/m ² (typ.)		
Contrast	1200:1 (typ.) 500000:1 (dynamic)		
Color depth	12 bits		
White point	10,000 K		
Calibration	Sense X automatic color and brightness calibration		
Backlight lifetime	60,000 h (typ)		
MTBF	100,000 h (half brightness)		
Cooling	Ultra low noise fans		
Operating temperature	0 -40°C		
Operational humidity	20 -80% non-condensing		
Response time	8 ms (typ)		
Dust filters	ISO 14644-1 ISO class 8		
Storage temperature	-20°C -60°C		
Storage humidity	10 -90% non-condensing		
Dimensions			
Dimensions	1211.4 x 682.2 x 102.0 mm 47.7" x 26.9" 4.0"		
Active screen diagonal	55"		
Active screen area	1209.6 x 680.4 mm 47.6" x 26.8"		
Weight	23 kg 50.7 lbs (net) 38 kg 83.7 lbs (gross)		
Bezel width generation	Right, bottom: 0.9mm 0.035" Left, top: 0.9mm 0.035" Total: 1.8mm 0.070"		
Connectivity			
DVI	2 inputs		
DisplayPort	1 input/output		
HDMI	1 input		
USB	1 input (USB 2.0)		
Ethernet port	2		
HDCP	Yes		
OPS Open Pluggable Specification	Yes		
Remote control	Yes		
Power			
Power consumption		Integrated power supply	External power supply
	Typ.	145 W	140 W
	Max.	260 W	252 W
Heat dissipation		Integrated power supply	External power supply
	Typ.	495 BTU/h	479 BTU/h
	Max.	887 BTU/h	859 BTU/h

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