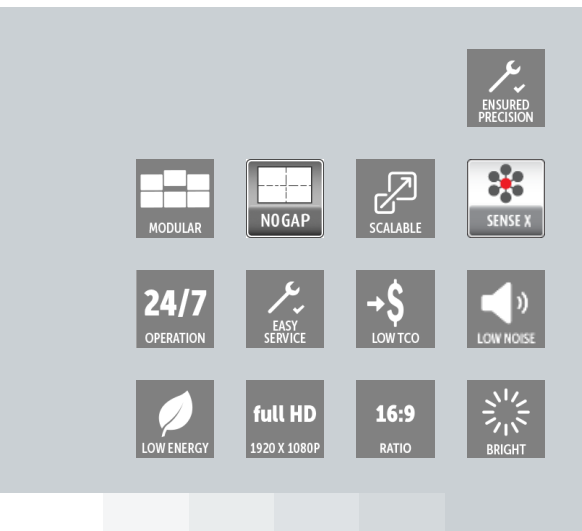


Barco UniSee 500

55" bezel-less tiled LCD video wall platform for applications with controlled ambient light



- Bezel-less design with NoGap technology at 500 cd/m²
- Mounting structure with automatic alignment for ensured precision
- Sense X automatic and continuous calibration
- Fastest servicing and diagnosing
- Modular, future-proof platform

The award-winning Barco UniSee® platform has revolutionized truly seamless LCD video walls and still is a huge step forward in terms of image quality, installation precision, ease-of-servicing and reliability. Barco UniSee 500, offering typical brightness levels of 500 cd/m², was designed for use in environments with controlled ambient lighting conditions. It complements the flagship Barco UniSee, with its typical brightness of 800 cd/m²

Bezel-less viewing experience, innovative mounting system

Barco UniSee's bezel-less design, which makes the inter-tile gap barely noticeable, enables spreading content over multiple tiles without the interruption of a disturbing black border. The revolutionary UniSee Mount uses the power of gravity to perfectly and automatically align panels – and keep them in place over time. What's more, UniSee Mount also eases maintenance efforts, allowing swift undocking of separate panels.

Sense X, automatic and continuous calibration for perfect uniformity

Sense X, the automatic, continuous color and brightness calibration system, ensures that the complete wall gives a perfectly balanced image at all times. What's more, Barco has also re-engineered the design of the panels to counter all possible variations in brightness from the center to the edges.

Setup and maintenance can be performed even faster and more easily using the upgraded UniSee Connect module. A wizard guides you through the complete installation process, and the individual panels are automatically recognized by the software upon introduction. The local dimming feature brings higher contrast, lower radiated heat and reduced power consumption.

Offering full system experiences

Besides its visualization portfolio, Barco offers a full range of content management solutions and services to meet the needs of several applications. In addition, the Barco UniSee platform is surrounded by several ecosystem partners, that offer tailored components to further increase the platform's value. Think of touch overlays for increased interactivity, trim solutions for elegant integration in the environment, mounting solutions to allow free-standing or curved set-ups, etc.

PRODUCT SPECIFICATIONS

BARCO UNISEE 500

Panel			
LCD technology	PA-VA		
Screen haze	44%		
Resolution	Full HD (1920 x 1080)		
Backlight	Direct LED		
Aspect ratio	16:9		
Luminance	500 cd/m ² (TYPICAL)		
Contrast	4000:1 (TYPICAL)		
White point	10,500 K (TYPICAL)		
Calibration	Sense X automatic color and brightness calibration		
Backlight lifetime	100,000 h (TYPICAL)		
Cooling	Fanless		
Operating temperature	0°C -40°C		
Operational humidity	20% -80% (non-condensing) for T < =30°C 140%-(2% x T/°C) for T=30°C to 40°C (non-condensing)		
Storage temperature	-20°C -65°C		
Storage humidity	10% -90% (non-condensing)		
Response time	< 8 ms		
Dimensions			
Dimensions	1213.5 x 683 x 102.4 mm 47.8" x 26.9" x 4.03" (internal SMPS) 1213.5 x 683 x 94.9 mm 47.8" x 26.9" x 3.74" (external SMPS)		
Active screen diagonal	55"		
Active screen area	1212.5 x 682 mm 47.7" x 26.8"		
Weight	14 kg 30.9 lbs (LCM net) / 18.3 kg 40.3 lbs (LCM gross, including package) 16.4 kg 36.2 lbs (LCD net) / 26 kg 57.3 lbs (LCD gross, including package)		
Bezel Width	NA (bezel-less)		
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 1.4 inputs		
USB	2 (only for power)		
Ethernet port	2		
HDCP	Yes		
Power			
Power consumption		Int. power supply	Ext. power supply
	560 nit	130 W	120 W
	500 nit	120 W	110 W
	350 nit	90 W	83 W
Heat dissipation	560 nit	444 BTU/h	409 BTU/h
	500 nit	409 BTU/h	375 BTU/h
	350 nit	307 BTU/h	283 BTU/h
EMC	Class A		
Notes	UniSee Mount can support up to 10 rows in landscape mode and 6 rows in portrait		

Last updated: 15 Jan 2020

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