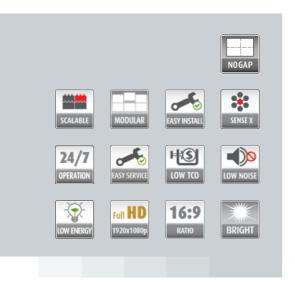# Barco UniSee

55" bezel-less tiled LCD video wall platform

- **Bezel-less design with NoGap technology**

- **Mounting structure with automatic alignment**

- **Sense X real-time and continuous calibration**

- **Fastest servicing and diagnosing**

- **Modular, future-proof platform**

Barco UniSee takes a completely new approach to truly seamless LCD video walls. Redesigning and optimizing every component, Barco UniSee is not only a step forward in terms of image quality, but also in installation time, ease-of-servicing, and reliability.

Bezel-less viewing experience, innovative mounting system

NoGap technology, which makes the inter-tile gap barely noticeable, finally makes it possible to spread content over multiple tiles without the interruption of a disturbing bezel. In order to guarantee the smallest possible gap without damaging the panels' edges, Barco has created the UniSee Mount. This revolutionary mounting structure 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 setup and maintenance efforts, allowing swift undocking of separate panels.

Automatic real-time calibration for perfect uniformity

Sense X, the automatic, continuous and real-time 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.

Easy diagnosing and servicing

Because a video wall is often part of a critical application, Barco took all possible measures to ensure optimal uptime. The platform is built in such a way that it can easily be diagnosed and serviced. The software platform (UniSee Connect) that manages the entire video wall automatically assigns and calibrates the panels, and acts as the single point of connection for remote diagnostics and control.

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PRODUCT SPECIFICATIONS — BARCO UNISEE

Panel

LCD technology	PVA
Screen haze	44%
Resolution	Full HD (1920 x 1080)
Backlight	Direct LED
Aspect ratio	16:9
Luminance	800 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	10°C -40°C
Operational humidity	Min. 20% | Max. 70% for T < =30°C or 115%-(1.5% x T/°C) for T=30°C to 40°C (non-condensing)
Storage temperature	-20°C -60°C
Storage humidity	Min. 20% | Max. 70% for T < =30°C or 115%-(1.5% x T/°C) for T=30°C to 40°C (non-condensing)
Response time	< 8.5 ms
Uniformity	9 points: 98% | 13 points: 97.7% | 21 points: 95.3%

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	15 kg | 33.1 lbs (LCM net) / 19.3 kg | 42.5 lbs (LCM gross, including package) 17.4 kg | 38.4 lbs (LCD net) / 27 kg | 59.5 lbs (LCD gross, including package)
Bezel Width	NA (bezel-less)

Connectivity

DisplayPort	2 inputs
HDMI	2 inputs / 1 output
USB	2 (only for power)
Ethernet port	2
HDCP	Yes

Power

Power consumption		Int. power supply	Ext. power supply
	800 nit	190 W	175 W
	700 nit	170 W	157 W
	350 nit	100 W	92 W

Heat dissipation			
	800 nit	650 BTU/h	600 BTU/h
	700 nit	580 BTU/h	536 BTU/h
	350 nit	342 BTU/h	314 BTU/h

EMC	Class A

Last updated: 18 Jun 2018

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

ENABLING BRIGHT OUTCOMES

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