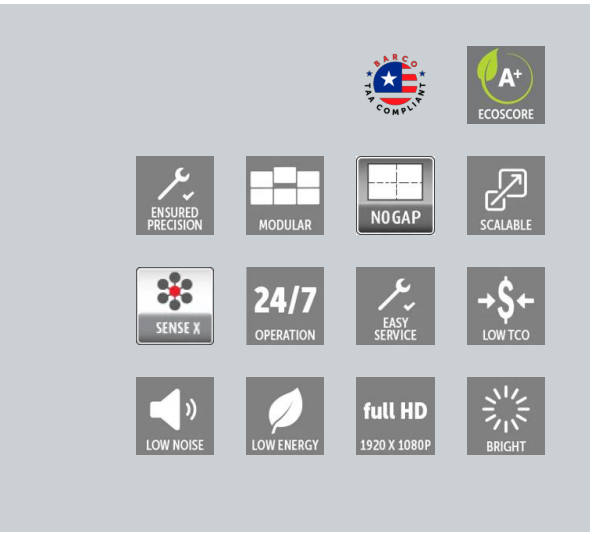
Barco UniSee II

55" bezel-less tiled LCD video wall platform for high-brightness applications





- **Strike with HDR contrast and wider color gamut**
- **Complete display canvas uniformity**
- **Reduced eye fatigue measures for end user ergonomics**
- **TÜV Eye Comfort certification**
- **Fastest servicing**
- **Modular, future-proof platform**

Strike with more brightness, colors and contrast

LCD video wall visualization reaches a new level with Barco UniSee II. This updated version of the revolutionary Barco UniSee platform will shape the future of critical decision-making with its striking visual performance. New innovations, including the use of mini-LEDs and Chip-on-Glass technology, contribute to optimal contrast with deep blacks. Additionally, quantum dot technology results in crisp colors and more saturation. The uniformity is revolutionary, with superior inter-panel communication. Coupled with the renowned bezel-less LCD panels, this makes the video wall act as a real large single canvas.

Designed for critical applications

The refined viewer ergonomics further improves viewing angles and counters eye fatigue. This makes Barco UniSee II perfect for intense use in critical applications, such as control rooms. Because reducing operational costs is high up the agenda of many companies, Barco UniSee II reduces power consumption with 20% compared to the previous version. The innovative mounting structure that is a trademark of the Barco UniSee family, ensures a perfect installation in any environment, and makes servicing a lot simpler and faster. This further contributes to a lower operational cost.

Product specifications	BARCO UNISEE II
Panel	
LCD technology	IPS
Resolution	Full HD (1920 x 1080 pixels)
Backlight	Direct Mini LED with more than 5000 LEDs
Aspect ratio	16:9
Luminance (typ.)	800 cd/m2 (typical)
Peak luminance	Peak luminance: 1300 cd/m2 with Peak mode
Contrast ratio (typ.)	1200:1 Smart dynamic contrast: >200.000:1
Local dimming	Yes
Smart local dimming	Yes
White point	Native: 8000K (typical)
HDR processing	HDR10 compliant
Color gamut/depth	Native 100% NTSC
Calibration	Sense X automatic color and brightness calibration
Backlight lifetime (typ.)	60,000h
Cooling	Fan-less
Screen haze	25%
Viewing angle (H|V)	178° | 178°
Response time	< 8 ms
Uniformity	9 points: 98% 13 points: 94% 21 points: 90%
Operating temperature	0°C -40°C
Operational humidity	20% – 80% (non-condensing)
Storage temperature	-20°C – 60°C
Storage humidity	10% – 90% non-condensing
Mounting	Standard UniSee Smart mount or InvisiMount possible (*)
Landscape/portrait	Yes / Yes
Temperature sensors	Embedded in each panel
Power	
AC input voltage	100-240 VAC, 50-60 Hz
Power consumption (typical)	Int. power supply: 225 W Ext. power supply: 220 W
Heat dissipation	Int. power supply: 768 BTU/h Ext. power supply: 751 BTU/h
EMC Class	FCC Class A / FCC Class B (from H2 2026)
Dimensions	
Dimensions LCM (WxHxD)	1211.36 x 682.02 x 65 mm
Dimensions LCD (with Int SMPS) (WxHxD)	1211.36 x 682.02 x 91.10 mm
Active screen diagonal	55"
Weight net	LCD (LCM+SMPS+Input Board): 18.7 kg LCM : 16.4 kg
Weight gross	24.6 kg
Bezel Width	Bezel-less
Connectivity	
DisplayPort	2x DP1.2 inputs & 1x output (4K@60Hz)
HDMI(TM)	2x HDMI™ 2.0 inputs (4K@60Hz)
Ethernet port	2x Ethernet ports
USB	2x USB ports (only for power)
HDCP	Yes, v2.2
Model	
Model name	Barco UniSee II Barco UniSee II TAA
Other	
Notes	UniSee Standard Smart Mount: up to 10 rows (landscape) / 6 (portrait) UniSee InvisiMount: up to 4 col x 3 rows (landscape) / 4 col x 2 rows (portrait)
Certifications	CE, SGS, UKCA, CCC, PSE, BIS, CEBEC, ICES, EAC , FCC, RCM, RoHS, WEEE, REACH TÜV Rheinland certification for eye comfort
TAA Compliancy	Yes, TAA compliant model available

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