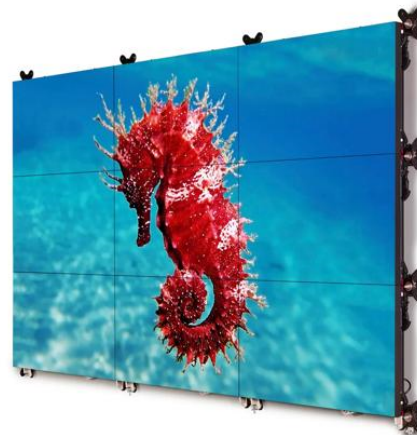


# Barco UniSee 500 (UNI-0005)

55" bezel-less tiled LCD video wall platform for a wide application range with controlled ambient light



- **Bezel-less design with NoGap technology**
- **500 cd/m<sup>2</sup> brightness**
- **Mounting structure with automatic alignment for ensured precision**
- **Sense X automatic and continuous calibration**
- **Modular, future-proof platform**

The award-winning Barco UniSee® platform has revolutionized nearly seamless LCD video walls and 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/m<sup>2</sup>, was designed for use in environments with controlled ambient lighting conditions. It complements the high-brightness Barco UniSee which is applicable in virtually every environment.

## **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. Barco also applies proprietary uniformity calibration algorithms 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



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 (UNI-0005)

<b>Panel</b>	
LCD technology	IPS
Resolution	Full HD (1920 x 1080)
Backlight	Direct LED
Aspect ratio	16:9
Luminance (typ.)	500 cd/m <sup>2</sup>
Peak luminance	—
Contrast ratio (typ.)	1200:1
Local dimming	Yes
Smart local dimming	No
White point	Native: 10500K (typical)
HDR processing	—
Color gamut/depth	Native 70% NTSC
Calibration	Sense X automatic color and brightness calibration
Backlight lifetime (typ.)	100,000 h
Cooling	Fan-less
Screen haze	28%
Viewing angle (H V)	178°   178°
Response time	< 8 ms
Uniformity	9 points: 98% 13 points: 98% 21 points: 92%
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
<b>Power</b>	
AC input voltage	100-240 VAC, 50-60 Hz
Power consumption (typical)	Int. power supply: 185 W Ext. power supply: 174 W
Heat dissipation	Int. power supply: 631 BTU/h Ext. power supply: 594 BTU/h
EMC Class	FCC Class A
<b>Dimensions</b>	
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): 17.3 kg LCM: 15.0 kg
Weight gross	23.2 kg
Bezel Width	Bezel-less
<b>Connectivity</b>	
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
<b>Model</b>	
Model name	Barco UniSee 500
<b>Other</b>	
Article number	R98675000 -UNI-0005 View500n R98675000IAU -UNI-0005 View500n AU R98675000I -UNI-0005 View500n CN R98675000F -UNI-0005 View500n EU R98675000D -UNI-0005 View500n IN R98675000BTW -UNI-0005 View500n TW R98675000G -UNI-0005 View500n UK R98675000B -UNI-0005 View500n US
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, KC, FCC, RCM, RoHS, WEEE, REACH
TAA Compliance	—

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