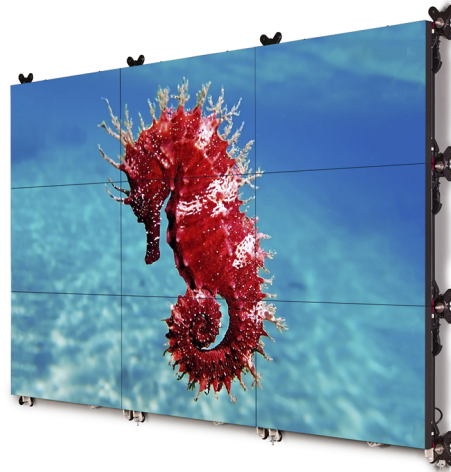


Barco UniSee 500

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 | | | |
|------------------------|---|-------------------|-------------------|
| Screen haze | 28% | | |
| Resolution | Full HD (1920 x 1080) | | |
| Backlight | Direct LED | | |
| Aspect ratio | 16:9 | | |
| Luminance | 500 cd/m ² (TYPICAL) | | |
| Contrast | 1100:1 (TYPICAL) | | |
| White point | 10,500 K (TYPICAL) | | |
| Colors | 1.07 billion | | |
| Calibration | Sense X automatic color and brightness calibration | | |
| Bit depth | 3 x 10 bit colors | | |
| Backlight lifetime | 100,000 h (TYPICAL) | | |
| Viewing angle (H, V) | 178° 178° | | |
| Refresh rate | 60 Hz | | |
| Cooling | Fanless | | |
| Operating temperature | 0°C - 40°C | | |
| Operational humidity | 20% - 80% (non-condensing) | | |
| Storage temperature | -20°C - 60°C | | |
| Storage humidity | 10% - 90% (non-condensing) | | |
| Response time | < 8 ms | | |
| Dimensions | | | |
| Dimensions | 1211.36 x 682.02 x 91.1 mm 47.7" x 26.9" x 3.59" (internal SMPS) | | |
| Active screen diagonal | 55" | | |
| Active screen area | 1209.7 x 680.3 mm 47.6" x 26.8" | | |
| Weight | 17.3 kg 38.1 lbs (LCD net) | | |
| 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 2.0 inputs | | |
| USB | 2 (only for power) | | |
| Ethernet port | 2 | | |
| HDCP | Yes | | |
| Power | | | |
| AC input voltage | 100-240 VAC, 50-60 Hz | | |
| Power consumption | | Int. power supply | Ext. power supply |
| | 500 nit | 185 W | 174 W |
| | 350 nit | 139 W | 130 W |
| Heat dissipation | 500 nit | 631 BTU/h | 594 BTU/h |
| | 350 nit | 474 BTU/h | 444 BTU/h |
| EMC | Class A and follows CE, FCC or UL Emission: EN 55032: 2012 EN 61000-3-2: 2014 EN 61000-3-3: 2013 Immunity: EN 55024: 2010 | | |
| Product safety | EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 + A2: 2013 | | |
| RoHS | EN 50581: 2012 | | |
| Notes | UniSee Mount can support up to 10 rows in landscape mode and 6 rows in portrait | | |

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