

# Barco UniSee

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



- **Bezel-less design with NoGap technology, for high-brightness use**
- **Mounting structure with automatic alignment for ensured precision**
- **Sense X automatic and continuous calibration**
- **Modular, future-proof platform**

The award-winning Barco UniSee® platform 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 precision, ease-of-servicing, and reliability.

### **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 Video wall Manager 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



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**

<b>Panel</b>	
LCD technology	IPS
Resolution	Full HD (1920 x 1080)
Backlight	Direct LED
Aspect ratio	16:9
Luminance (typ.)	700 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.)	60,000 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: 241 W Ext. power supply: 227 W
Heat dissipation	Int. power supply: 822 BTU/h Ext. power supply: 775 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)	2x HDMI™ 2.0 inputs (4K@60Hz)
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 700
<b>Other</b>	
Article number	R9867700
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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