Barco UniSee

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

ENSURED PRECISION	MODULAR	NO GAP	SCALABLE
SENSE X	24/7 OPERATION	EASY SERVICE	LOW TCO
LOW NOISE	LOW ENERGY	full HD 1920 X 1080P	BRIGHT
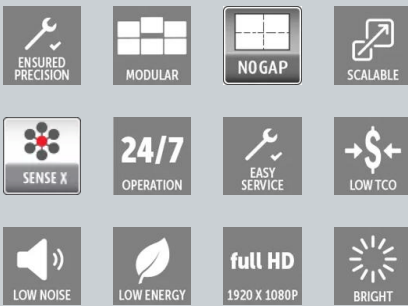
- **Bezel-less design with NoGap technology, for high-brightness use**

- **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 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.

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Product specificaties	BARCO UNISEE
Model	
Modelnaam	Barco UniSee 700
Panel	
Lcd-technologie	IPS
Resolutie	Full HD (1920 x 1080)
Achtergrondverlichting	Direct LED
Beeldverhouding	16:9
Luminantie	700 cd/m^2 (TYPICAL)
Contrast	1100:1 (TYPICAL)
Contrast	1500:1 (TYPICAL*)
Wit punt	native: 10,500 K (TYPICAL)
Schermnevel	28%
Kalibratie	Sense X automatic color and brightness calibration
Bit depth	3 x 10 bits
Levensduur van de achtergrondverlichting	60,000 h (TYPICAL)
Kijkhoek (H, V)	178° | 178°
Uniformiteit	9 points: 98% 13 points: 98% 21 points: 92%
Koeling	Fanless
Bedrijfstemperatuur	0°C - 40°C
Operationele vochtigheid	20% - 80% (non-condensing)
Opslagtemperatuur	-20°C - 60°C
Vochtigheid bij opslag	10% - 90% (non-condensing)
Reactietijd	< 8 ms
Temperature sensors	Embedded temperature sensors in each panel
Beeldinbranding	Advanced algorithms to limit image retention
*Opmerking	*: tested with a 3x3 checkerboard test pattern on a single panel with default factory settings.
Dimensions	
Afmetingen	1211.36 x 682.02 x 91.1 mm | 47.7" x 26.9" x 3.59" (internal SMPS) 1211,36 x 682.02 x 87.1 mm | 47.7" x 26.9" x 3.43" (external SMPS)
Actief scherm (diagonaal)	55"
Gewicht	17.3 kg | 38.1 lbs (LCD net) 15.0 kg | 33.1 lbs (LCM net)
Frame 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-poort	2
HDCP	Yes (v2.2)
Power	

Product specificaties	BARCO UNISEE		
Ingangsspanning (wisselstroom)	100-240 VAC, 50-60 Hz		
Energieverbruik		Int. power supply	Ext. power supply
	700 nit	241W	227 W
	500 nit	185 W	174 W
	350 nit	139 W	130 W
Warmtedissipatie	700 nit	822 BTU/h	775 BTU/h
	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		
Productveiligheid	EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 + A2: 2013		
RoHS	EN 50581: 2012		
Componenten	UNI-0001 / UNI-0002 / UNI-0004 / UNI-0005 & WME110		
Opmerkingen	UniSee Mount can support up to 10 rows in lanscape mode and 6 rows in portrait		

Laatst bijgewerkt: 17 May 2024

ENABLING BRIGHT OUTCOMES

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