Barco UniSee (UNI-8002)

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

ENSURED PRECISION · MODULAR · NOGAP · SCALABLE
SENSE X · 24/7 OPERATION · EASY SERVICE · LOW TCO
LOW NOISE · LOW ENERGY · full HD 1920 X 1080P · BRIGHT
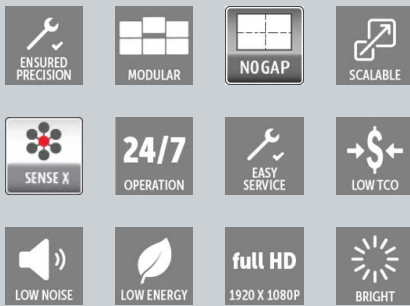
reddot award 2018
best of the best

- **Bezel-less design with NoGap technology at 800 cd/m²**

- **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 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.

BARCO

Product specificaties	BARCO UNISEE (UNI-8002)
Panel	
Resolutie	Full HD (1920 x 1080)
Achtergrondverlichting	Direct LED
Beeldverhouding	16:9
Luminantie	800 cd/m^2 (TYPICAL)
Contrast	4000:1 (TYPICAL)
Kijkhoek (H, V)	178, 178 degrees
Wit punt	10,500 K (TYPICAL)
Kalibratie	Sense X automatic color and brightness calibration
Koeling	Fanless
Bit depth	10-12 bits
Bediening	24/7
Vernieuwingssnelheid	50/60Hz
Levensduur van de achtergrondverlichting	100,000 hours
Bedrijfstemperatuur	0°C -40°C
Operationele vochtigheid	20% -80% (non-condensing) for T < =30°C 140%-(2% x T/°C) for T=30°C to 40°C (non-condensing)
Operationele vochtigheid	10% -80% (non-condensing)
Opslagtemperatuur	-20°C -65°C
Vochtigheid bij opslag	10% -90% (non-condensing)
Reactietijd	< 8 ms
Dimensions	
Afmetingen	1213.5 x 683 x 102.4 mm | 47.8" x 26.9" x 4.03" (internal SMPS) 1213.5 x 683 x 94.9 mm | 47.8" x 26.9" x 3.74" (external SMPS)
Actief scherm (diagonaal)	55"
Actief schermgebied	1212.5 x 682 mm | 47.7" x 26.8"
Gewicht	15 kg | 33.1 lbs (LCM net) / 19.3 kg | 42.5 lbs (LCM gross, including package) 17.4 kg | 38.4 lbs (LCD net) / 27 kg | 59.5 lbs (LCD gross, including package)
Frame Width	NA (bezel-less)
Connectivity	

Product specificaties	BARCO UNISEE (UNI-8002)
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 1.4 inputs
USB	2 (only for power)
Ethernet-poort	2
HDCP	Yes

Power

Energieverbruik		Int. power supply	Ext. power supply
	800 nit	190 W	175 W
	700 nit	170 W	157 W
	350 nit	100 W	92 W
Warmtedissipatie	800 nit	650 BTU/h	600 BTU/h
	700 nit	580 BTU/h	536 BTU/h
	350 nit	342 BTU/h	314 BTU/h

Ingangsspanning (wisselstroom)	100-240 VAC, 50-60 Hz
EMC	Class A
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
RoHS	EN 50581: 2012
Productveiligheid	EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 + A2: 2013
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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