

OverView OSV-580F

High brightness seamless flat 8.1 megapixels collaboration video wall



The OverView OSV-580F is a high-performing video wall that boosts high brightness levels. Featuring a large, flat, seamless canvas, a mix of data and video can be displayed simultaneously in high quality without the interruption of a seam or a bezel. The display's flat set-up, combined with the absence of a rear maintenance area, ensure that a minimum of real estate space is used.

Furthermore, benefiting from advanced signal processing, the OSV offers a feature-rich solution with high image quality and excellent reliability. Compact in setup, this video wall suits a multitude of possible applications from crisis operations and war rooms, to brainstorm and planning rooms, and of more traditional control room applications in utilities, energy and process control.

Laser-phosphor projection for high brightness

Images are displayed on the OSV HB series using state-of-the-art laser-phosphor projection technology. This highly increases the system's brightness levels, allowing it to be used in environments with challenging lighting conditions. Additionally, this HB series has a higher resolution than its LL counterpart, offering 8.1 megapixels to display data. The OSV-580F consists of five blended rear-projection cubes, forming one seamless image.

A real seamless canvas

No matter how thin, seams and bezels are always a nuisance. Especially when displaying numbers or other critical content, any interruption is too much. OSV's Seamless canvas makes sure a wealth of different sources can be positioned anywhere on the screen, in the most efficient way.

Saving real estate space

Compared with conventional rear-projection systems, the OSV video walls have a limited depth of less than 1.2 meters/47 inches. In this way, the available real estate space is used to its maximum.

High brightness

The OSV HB series is equipped with laser-phosphor projection technology, strongly boosting its brightness levels. This allows the system to be used in environments with challenging lighting conditions.

Free from image retention

The OSV uses DLP technology, which is not sensitive to image retention. This means you can show static images without risking burn-in effects.

Enhanced immersive user participation

The use of a curved screen creates an immersive effect that makes everyone in the room feel more involved, which improves the collaboration.

More pixels

Compared with the OSV LL series, the OSV HB series has a 30% higher resolution. This means that even more information can be displayed on the seamless canvas.

Real-life collaboration

The large screen area, gives all participants in a telepresence meeting a front row seat. Using 3, 5 or 7 rear-projection modules, the horizontal size of the OSV system varies from 3.5 to 6.5 meters (120 to 240 inches).

Product specifications**OVERVIEW OSV-580F**

General specifications	
Brightness	230 Nit (cd/m ²)
Resolution	8.1 Mega Pixels
Pixel size	0.88 mm 0.035"
System contrast	50:1 with 100 lux ambient light on-screen
Color	95% REC709
Display technology	Rear projection DLP
White point	2,300K 6,500K 9,300K arbitrary
Brightness uniformity	85% ANSI 9
Screen	Barco 6mm Rigid Seamless Rear Projection Screen
Screen gap	None. No seams or bezels
Screen size	4415 (length) x 1400 (height) mm 173.8 (length) x 55 (height) inch
Radius	N/A -flat screen
H / V half gain angle	60° both horizontal and vertical
Screen reflectivity	2%
Dimensions (physical)	5219 (length) x 2370 (height) mm 205.5 (length) x 93.3 (height) inch
Image start height	750 mm / 29.5 inch above floor
Depth	Center: 1170 mm / 46 inch
Weight	875 kg / 1930 lbs
Light source	Laser phosphor illumination
Light source lifetime	20,000 h (normal mode)
Recommended maintenance interval	3 / year. No burn-in, no image retention
Conditions for operation	0°C-35°C, 32°F-95°F, 80% humidity (non condensing)
AC input voltage	110 – 240 V, 50-60Hz
Power	Typical : 2100 W ; Maximum : 2655 W
Heat dissipation	Typical : 7172 BTU/h ; Maximum : 9067 BTU/h
Signal inputs	Twin dual link DVI-D
Input frequency	300 MHz
Warranty	2 years

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