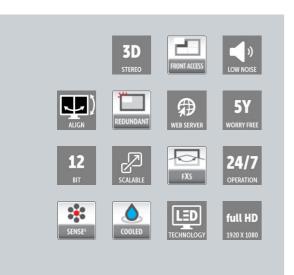
OverView OLSF-721

Fully redundant 70" full HD 16:9 LED video wall with front access and 3D





Barco's OverView OLSF series LED-lit video walls with front access bring 3D to video walls. They are the first choice for 16:9 mission-critical control rooms that require a guaranteed uptime and the need to show stereoscopic images (using active shutter glasses). The modules' high level of redundancy, not only of the individual LEDs, but also of the LEDs' power supplies and even inputs, ensures nothing can go wrong, giving users the peace of mind they need. Featuring a structure that can be tailored to the requirements of the customer, the OverView OLSF series knows virtually no limits in size.

Ultimate peace of mind

The OverView OLSF-721 video wall modules have been designed for an entirely maintenance-free operation over several years, without any need for consumables. Barco's unique liquid cooling system ensures lower LED temperature, resulting in longer LED lifetime (>80,000 hours in eco mode). Displaying the sharpest and most saturated colors in full HD resolution (1920x1080), the OverView OLSF-721 offers an ergonomically excellent viewing experience. The availability of alternative screen types makes sure you can adjust the video wall to your specific needs in terms of viewing angle and brightness.

Always the most optimal picture

OverView OLSF series video walls come with Sense⁶, Barco's unique sensor technology that provides brightness and color stability over time and across the entire display. Sense⁶ continuously measures brightness and color by means of a high-quality spectrometer, and adjusts the color space to provide an image that is most convenient for the human eye. The resulting vivid colors result in an even more spectacular stereoscopic experience, and will contribute to the increasing deployment of 3D content on video walls.



OverView OLSF-721 Barco

Award-winning design

The OverView OLSF series' design, combining usability with style, has been lauded with the prestigious Red Dot Design Award. The individual modules have the smallest depth on the market today, allowing to build the most shallow video walls possible. What's more, the front access eliminates the need for a rear maintenance area, further decreasing the space needed. This makes the OverView OLSF series the product of choice for rear-projected 3D in confined spaces.

Highest level of redundancy

- 6x redundancy of LEDs (per color) & LED power supplies
- 2x redundancy of dual-link inputs

Unique Barco innovations

- Sense⁶ automatic full spectrum calibration
- Active liquid cooling
- Front access, removing need for rear maintenance area

Excellent viewing ergonomics

- Vivid 3D using active shutter glasses
- Wide LED color gamut
- Full HD resolution
- No color break up
- Excellent off-axis viewing with next-generation screen types

Maintenance-free

- 80,000 hours LED lifetime in eco mode
- 5 years service-free runtime
- No color wheel needed

Green focus

- No wearing parts, no waste
- No mercury lamps needed

OVERVIEW OLSF-721 Product specifications General specifications Full HD (1920 x 1080px) Resolution Brightness on-screen: 220/175 Cd/m² (typ.) in 2D/3D mode 560 000:1 On-screen contrast Up to 165% EBU (at maximum color mode) Color Display technology Rear projection DLP 3,200/6,500/9,600/arbitrary White point FXS, with H/V 34°/33° half gain angle Screen Hor: 2 mm | 0.08", Vert. 1.7 mm | 0.07" (@ 25°C) Screen gap Hor: < 0.4 mm | 0.015", Vert. < 0.3 mm | 0.012" (@ 30°C) Color stability Self calibration with spectrometer based Sense^6 Dimensions • Diagonal: 70" • Width: 1,550 mm | 61" • Height: 872 mm | 34.3" • Depth: 622 mm | 24.5" • Weight: Projection Module: < 73 kg | 161 lbs Light source 6x redundancy for each of 3 LED's Light source lifetime > 60,000h (6500k) > 80,000h (eco mode) MTBF LED > 500,000 h Power 350W (max) 230W (typ.) 170W (eco) 2x Dual link DVI in / 2x Dual link DVI out Signal Signal processing Loop through Free cropping, free scaling (optional) Direct ethernet access Built in web server Accessibility & servicing Front Integration to third party equipment WEB service API Stereoscopic 3D yes Conditions for operation 10°C --40°C, 50°F- -104°F, 80% humidity (non-condensing) Heat dissipation 580 BTU/h (eco) 785 BTU/h (typ.) 1,194 BTU/h (max)

Last updated: 08 Jul 2024

Warranty

2 years

