

OverView OLSF-521

Fully redundant 50" 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-521 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-521 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.

BARCO

Visibly yours

OverView OLSF-521

Fully redundant 50" full HD 16:9 LED video wall with front access and 3D



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.



Product specifications

OverView OLSF-521

| | |
|---|--|
| Resolution | Full HD (1920 x 1080px) |
| Brightness | on-screen: 440/355 Cd/m ² in 2D/3D |
| On-screen contrast | 560,000:1 |
| Color | Up to 165% EBU (at maximum color mode) |
| Display technology | Rear projection DLP |
| White point | 3,200/6,500/9,600/arbitrary |
| Screen | FXS, with H/V 34°/33° (+/- 3°) half gain angle |
| Screen gap | Hor: 1.8 mm 0.07", Vert. 1.5 mm 0.06" (@ 25°C) |
| Color stability | Self calibration with spectrometer based Sense ⁶ |
| Dimensions | <ul style="list-style-type: none">• Width: 1,088 mm 42.8"• Height: 612 mm 24.1"• Depth: 454 mm 17.9"• Weight: Projection Module: < 53 kg 117 lbs |
| Light source | 6x redundancy for each of 3 LED's |
| Light source lifetime | > 60,000h (at 6500k) > 80,000h (eco mode) MTBF LED > 500,000 h |
| Recommended maintenance interval | > 5 years |
| Power | 350W (max) 230W (typ.) 170W (eco) |
| Signal | 2x Dual link DVI in / 2x Dual link DVI out |
| 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) |
| Warranty | 2 years |